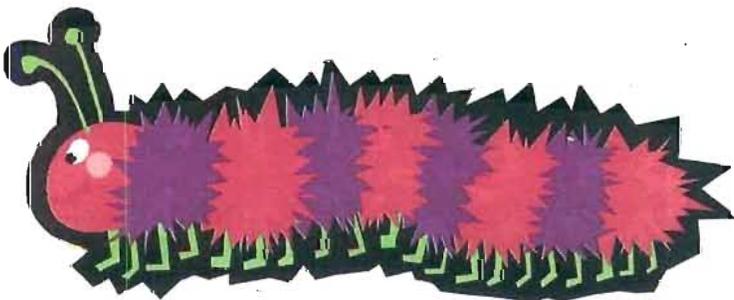




Butterfly Art + Activities

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Reinforcing Science Sequencing

Background:

- This is one of my favorite quickie art projects.
- It's a great fine motor peel-and-stick activity that my students really enjoy.
- The contrast of the white reinforcement holes against the copy paper looks really sharp and it's a great math extension as the children have to count the holes as they stick them to the paper. Wow! science, math and all sorts of skills in a quick activity that the children are having lots of fun with! ☺

Materials:

- Colored copy paper
- White reinforcement holes

Directions:

Prep:

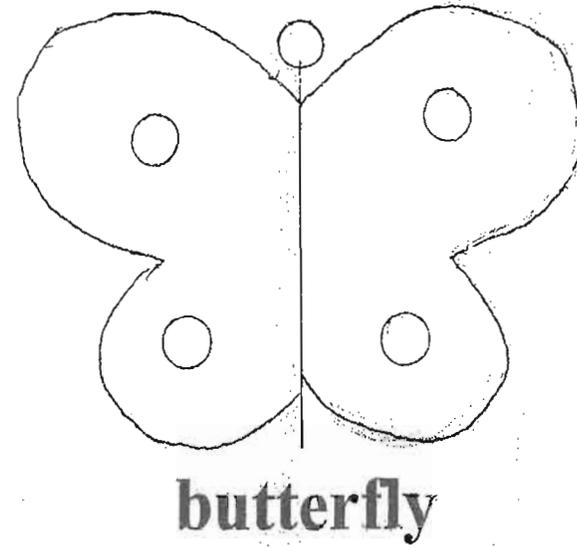
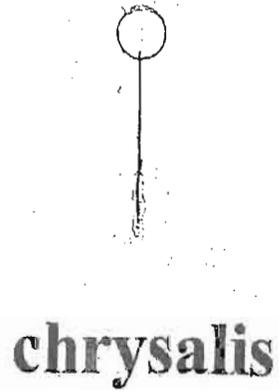
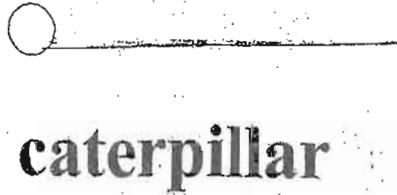
- Run off the master on turquoise, purple or some other dark copy paper.
- Children will need 18 reinforcement holes, so I cut strips of 18 out for them.
- Cut the paper in $\frac{1}{2}$ as the master is enough for 2 students.

The next day...

- Children write their name on their paper.
- Children peel and stick
 - 1 hole on the egg
 - 4 holes on the caterpillar
 - 3 on the chrysalis
 - 5 on the butterfly's thorax & 1 on each circle on the wings
 - 1 on the egg.

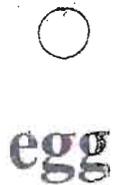
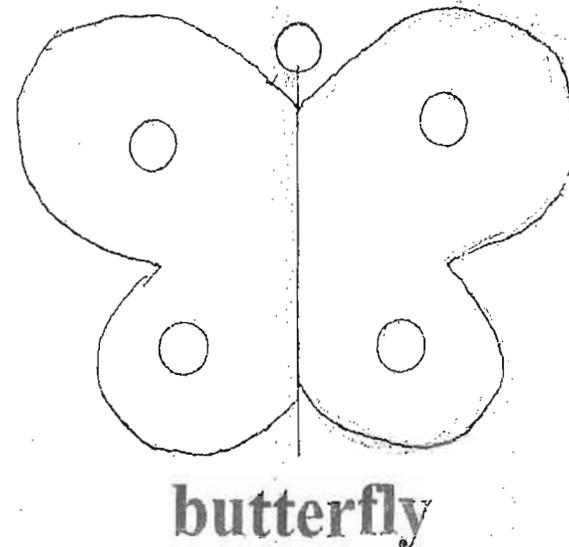
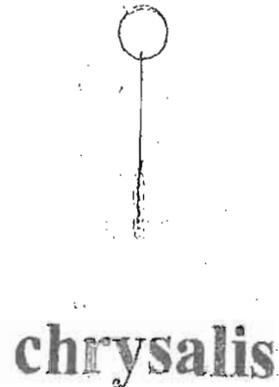
Reinforcing Science Sequencing

The Lifecycle Of A Butterfly



Reinforcing Science Sequencing

The Lifecycle Of A Butterfly



Reinforcing Science Sequencing

The Lifecycle Of A Butterfly



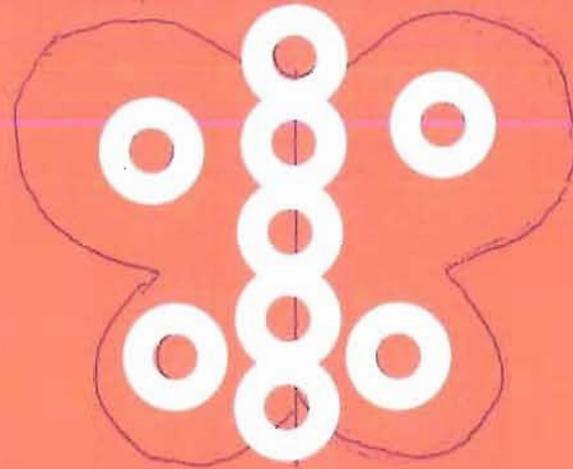
egg



caterpillar



chrysalis

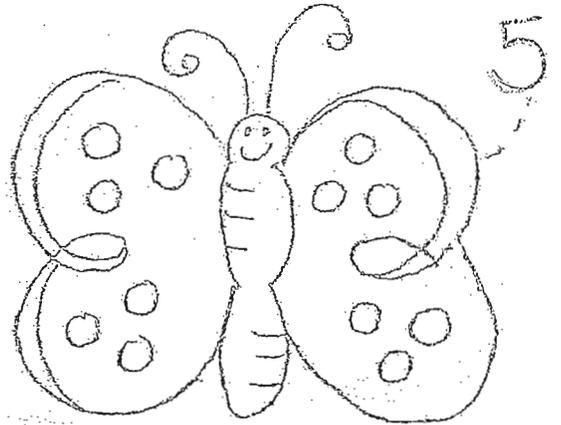
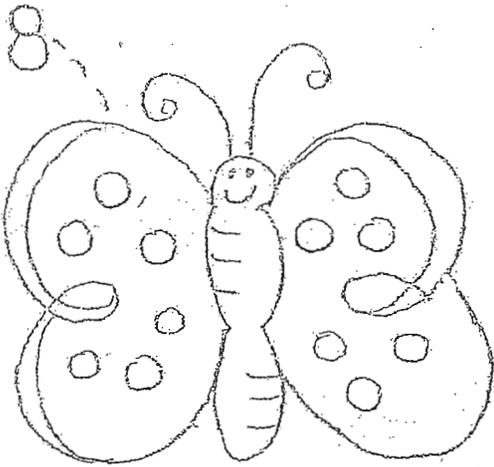
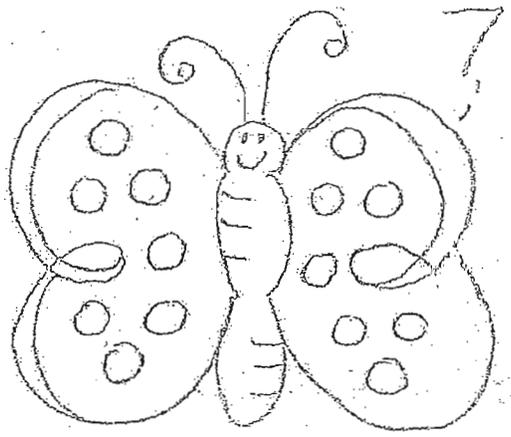
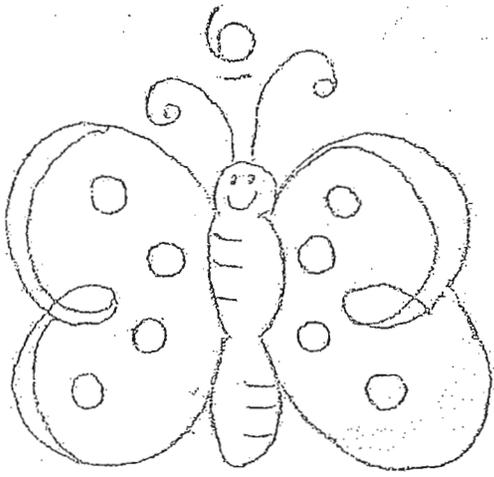


butterfly

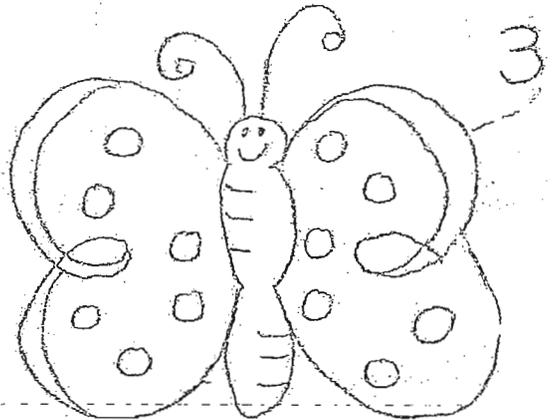
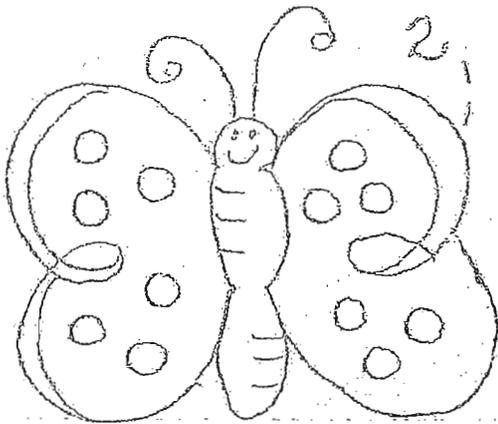


egg

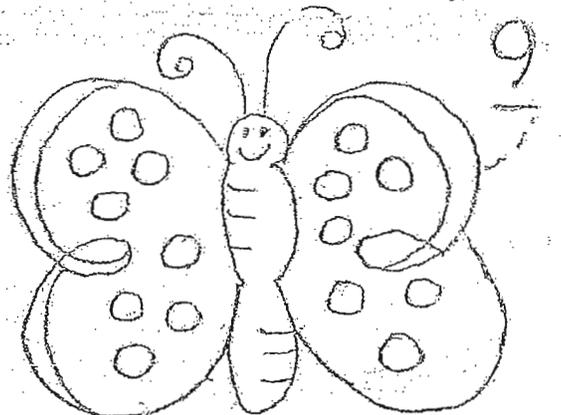
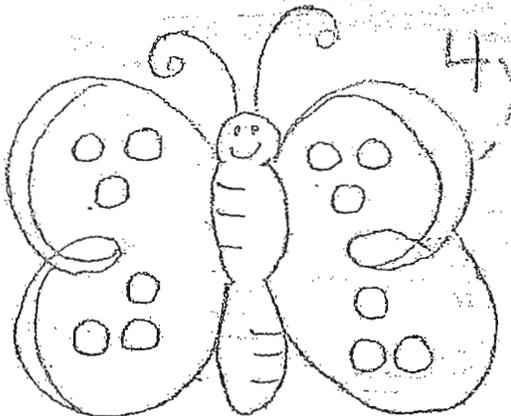




MATCHING



COLOR in the correct number of circles to MATCH the number on the butterfly.



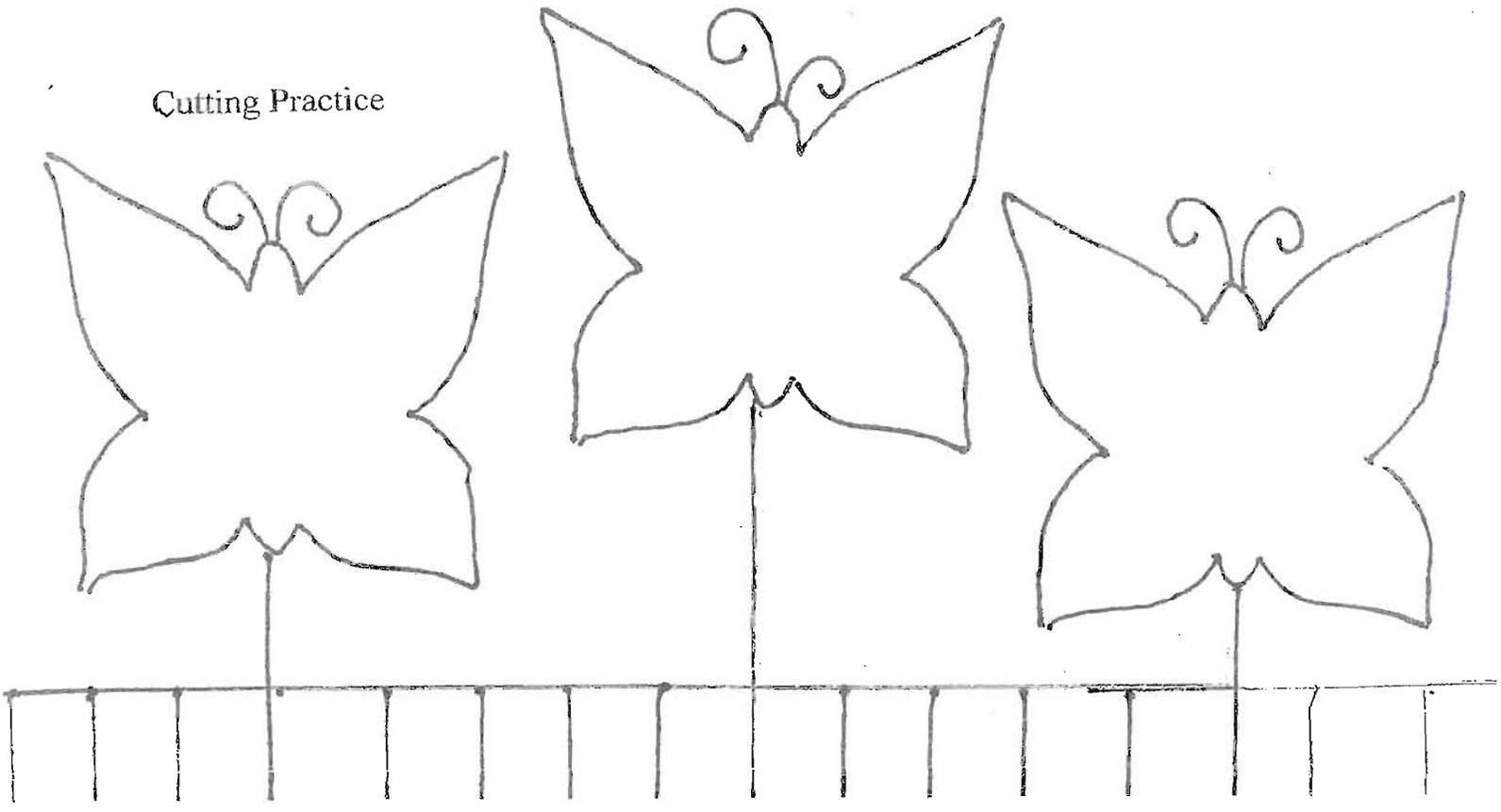


Wow! Look how great I can cut!
Trace and color the butterflies.

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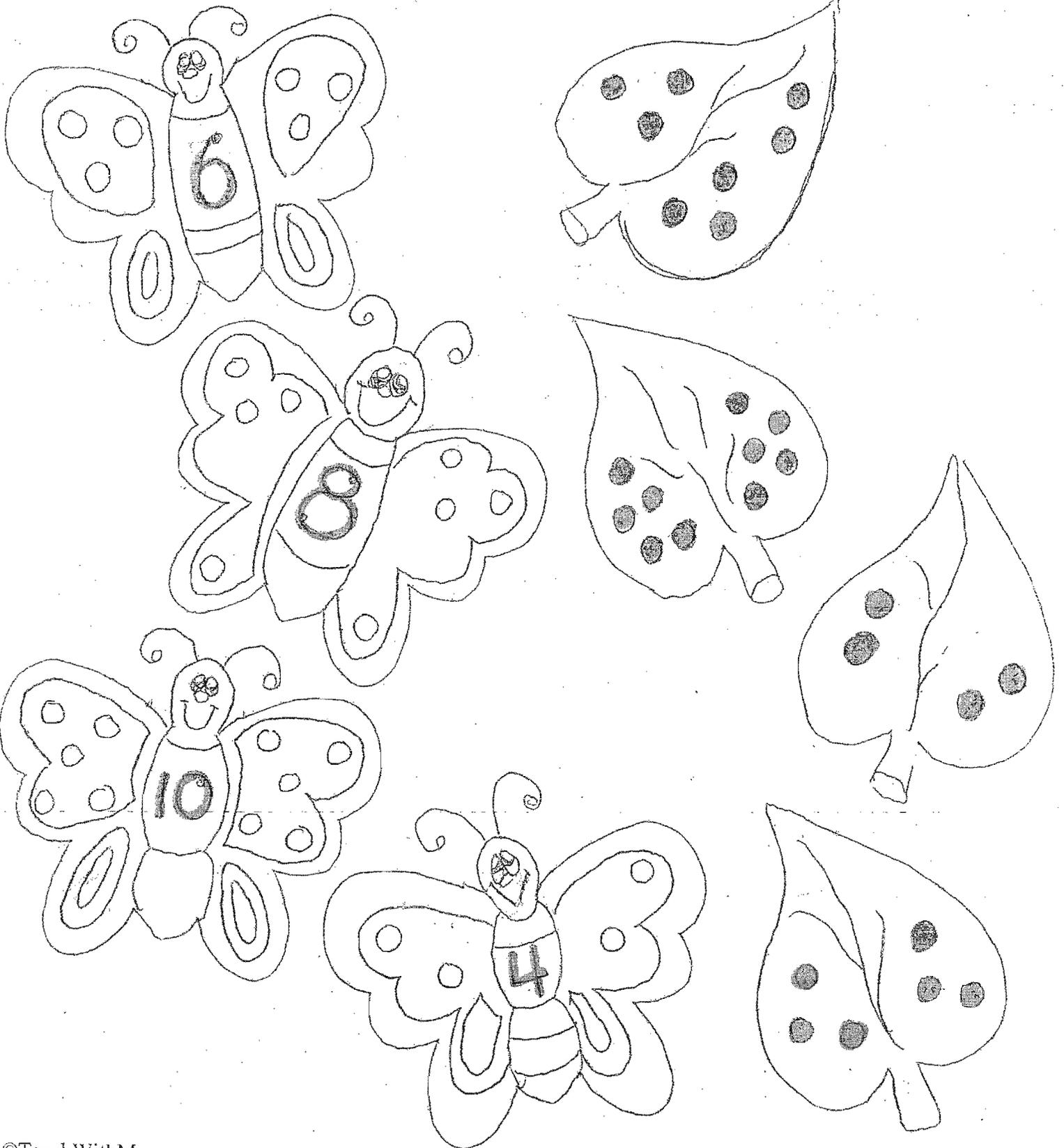
Trace and color the butterflies.
Snip on the black line to make a grassy fringe.
Make 3 longer cuts up to the butterflies.

Cutting Practice

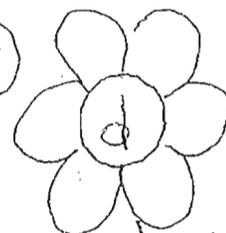
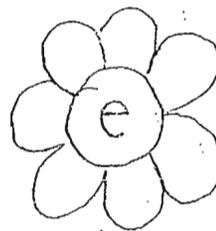
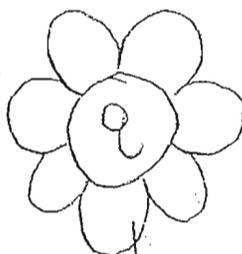
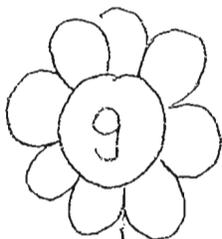
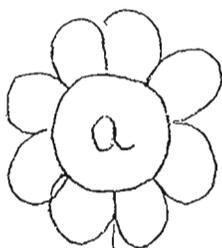
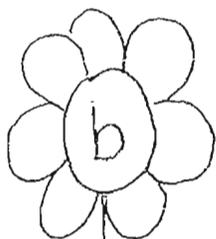
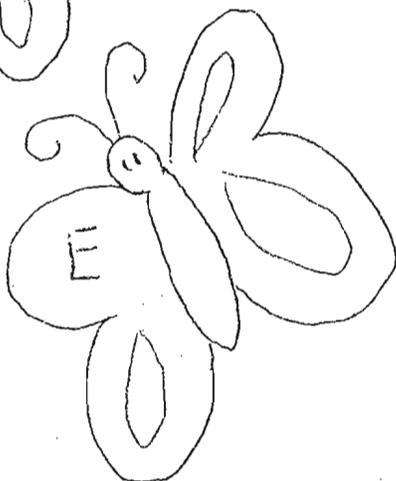
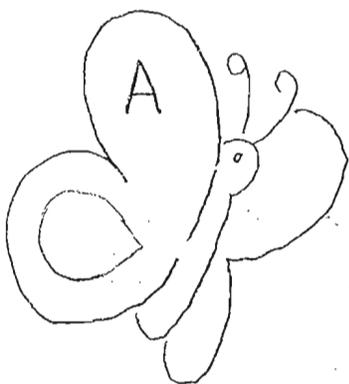
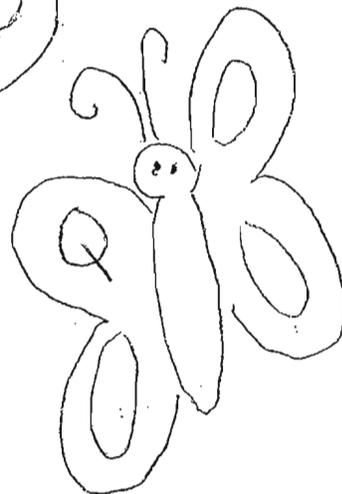
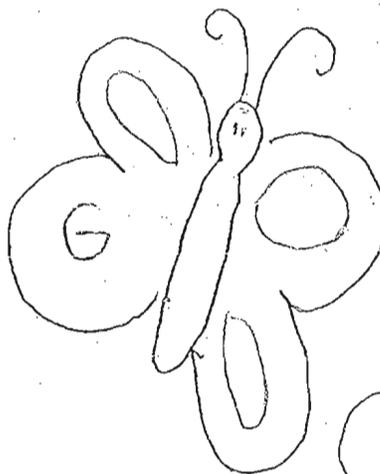
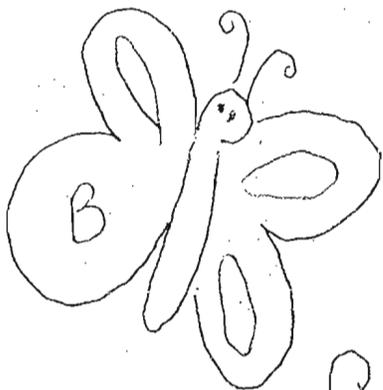
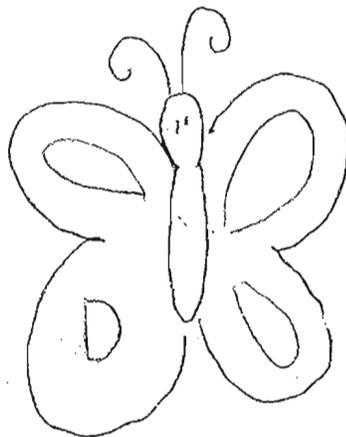
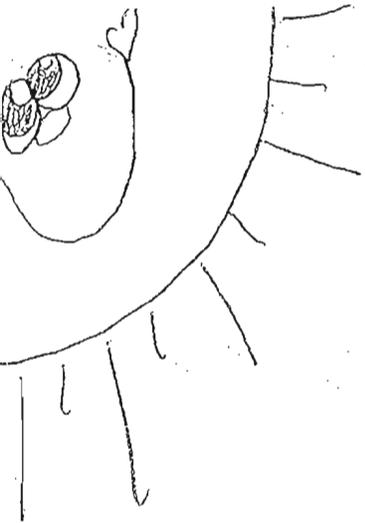


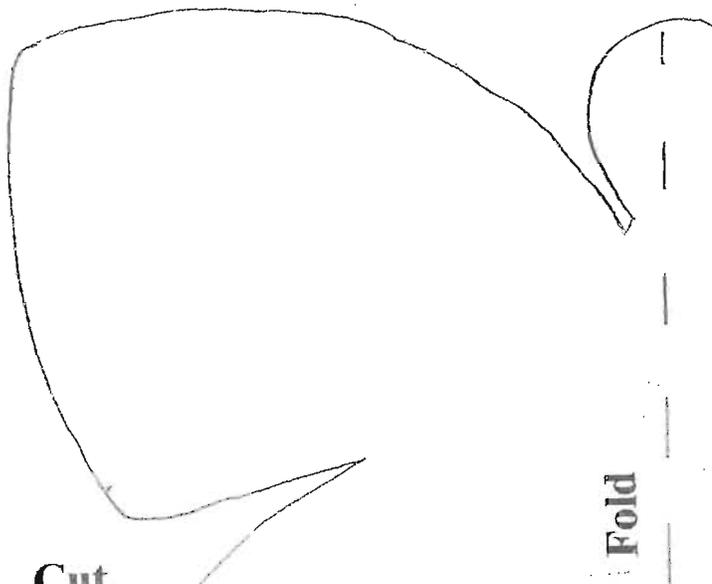
Butterflies lay EGGS, sometimes as many as 500!
Most butterfly eggs are so small that one could sit on the head of a pin!

Directions: Using a different color crayon for each one, connect the numbered butterflies to their matching leaf.



Draw lines to match the uppercase letters in the butterflies to the lowercase letters in the flowers. Use a DIFFERENT color for each one.

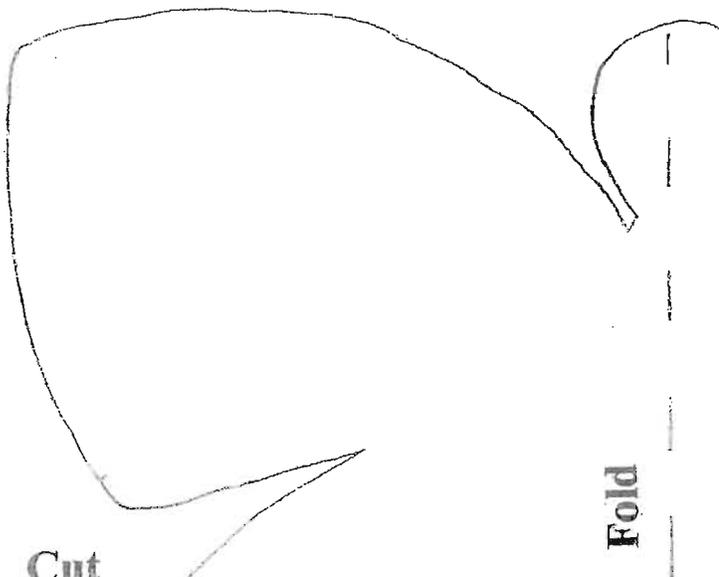




Cut

Fold

**We are learning about SYMMETRY!
Look at how well I can cut!**



Cut

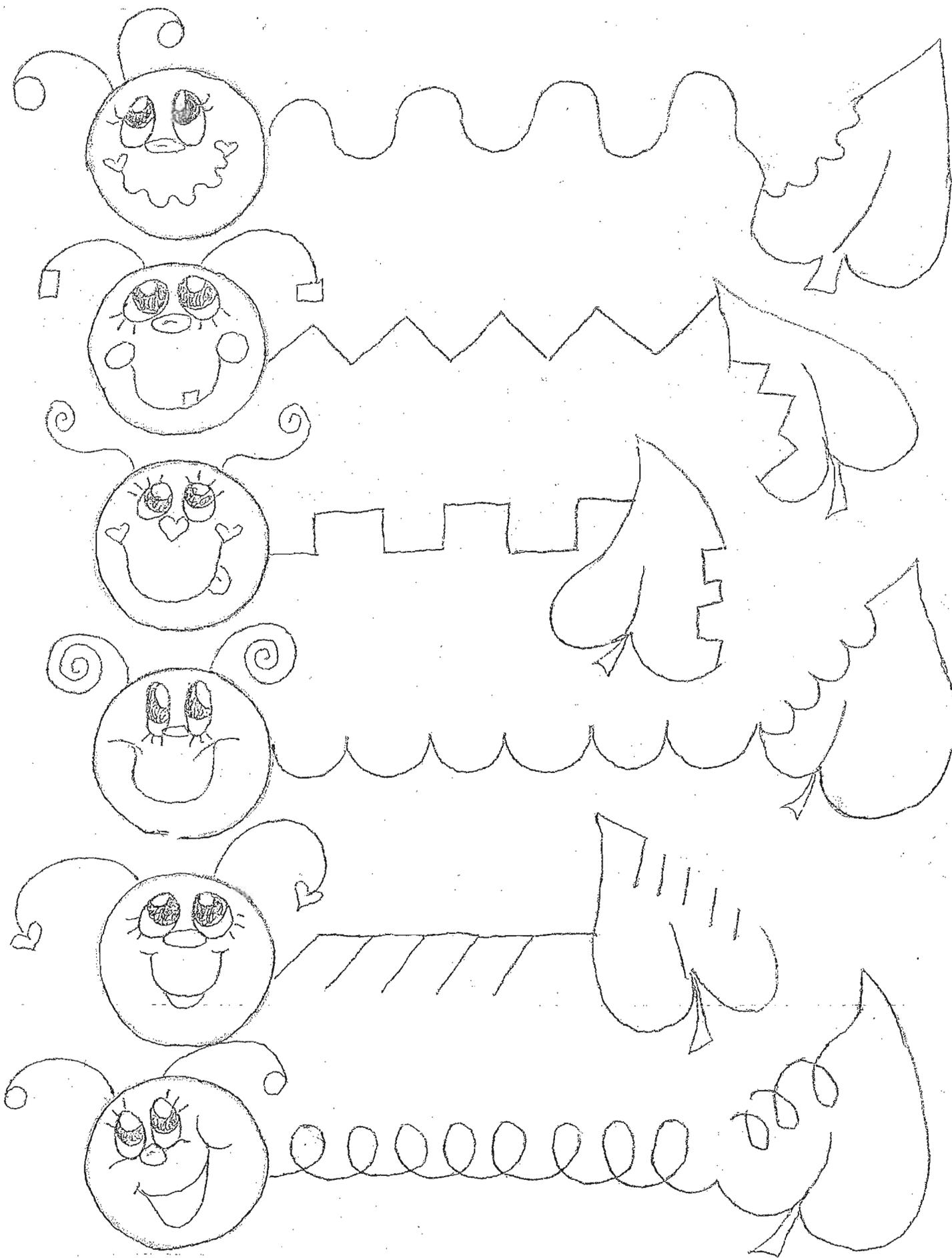
Fold

**We are learning about SYMMETRY!
Look at how well I can cut!**

The Great TRACE RACE

Directions: Using a DIFFERENT -colored crayon for each butterfly, TRACE the lines and get that butterfly to the flower. "On your mark, get set, fly!"

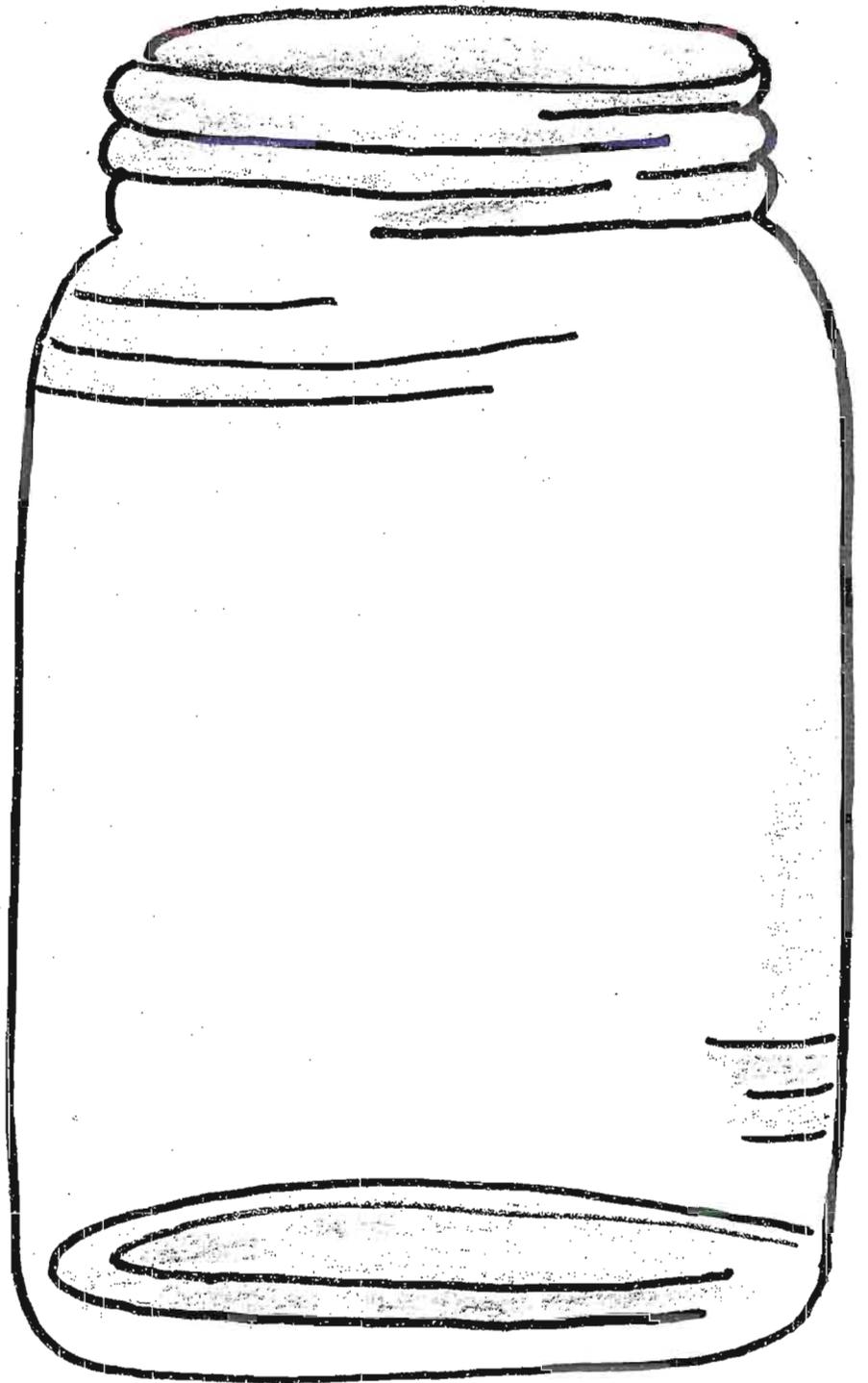
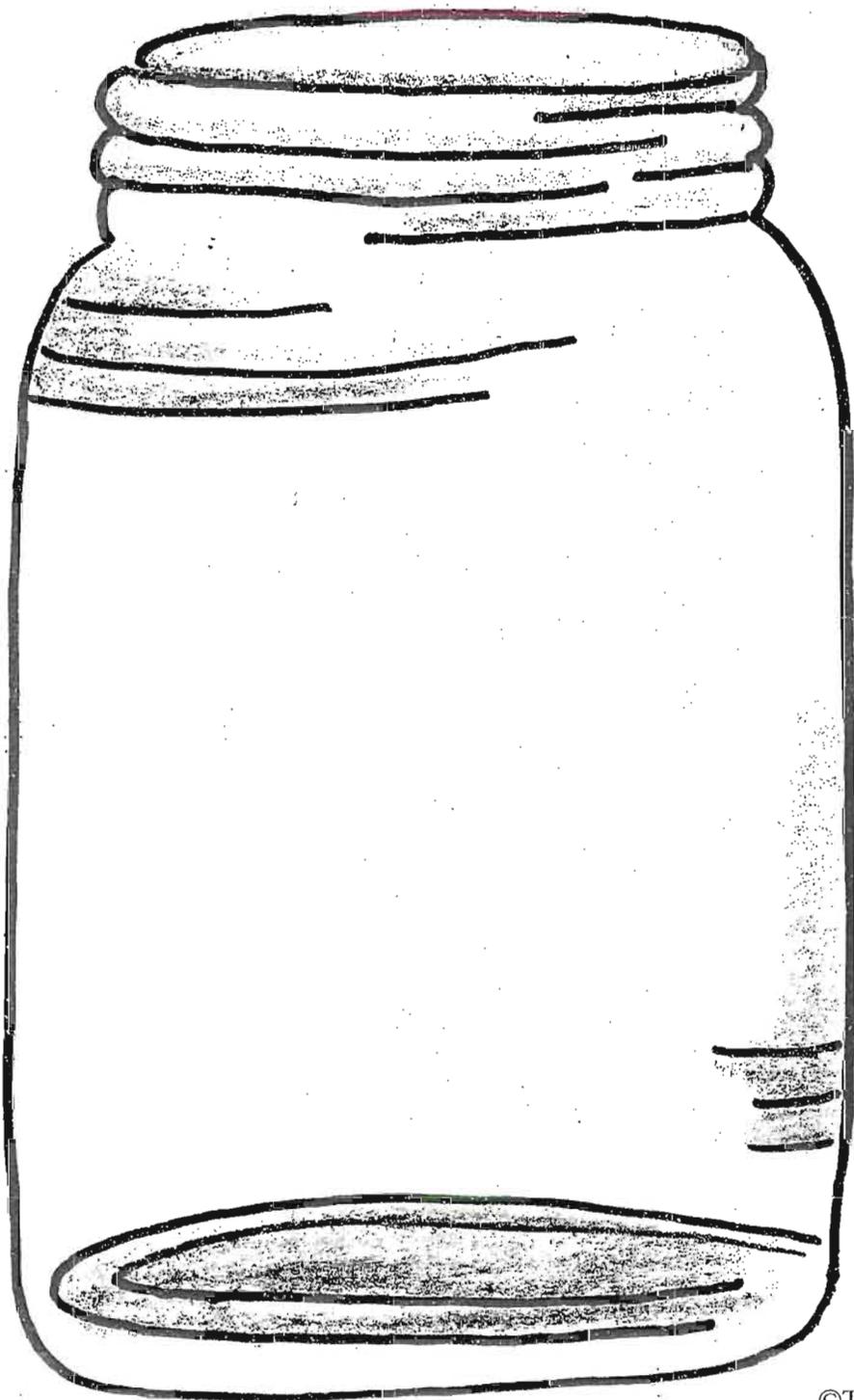


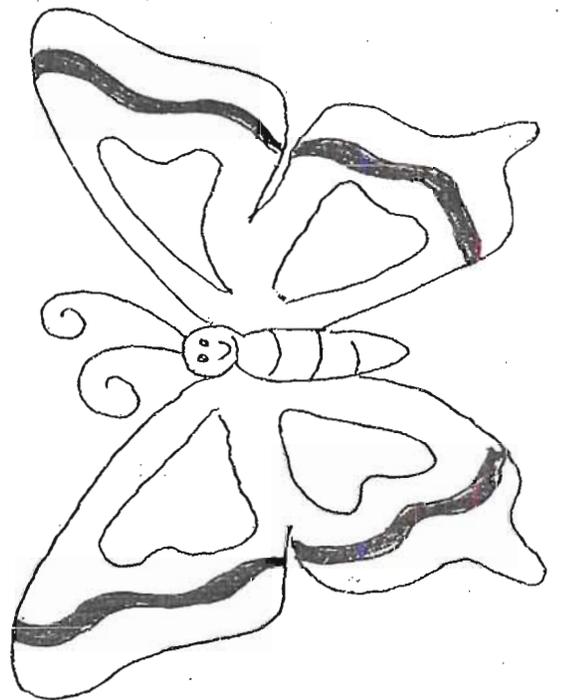
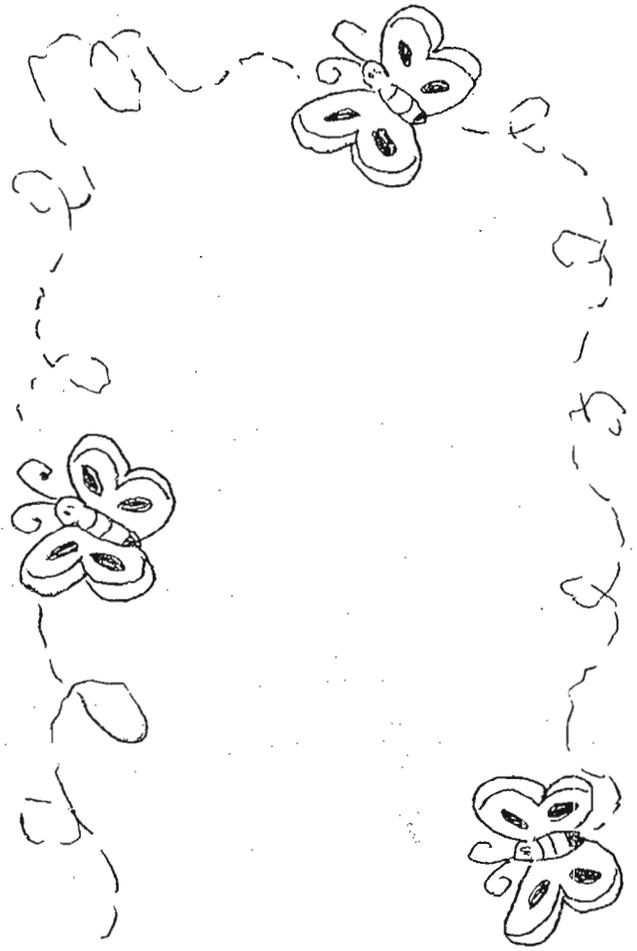
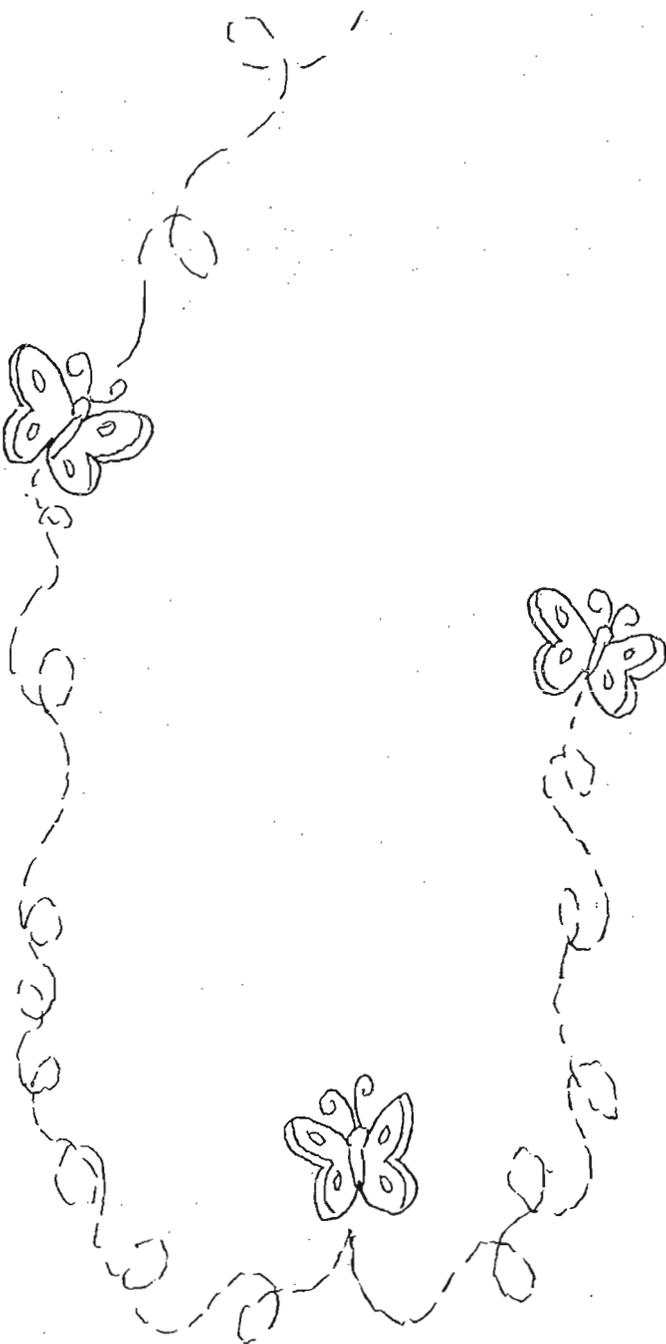
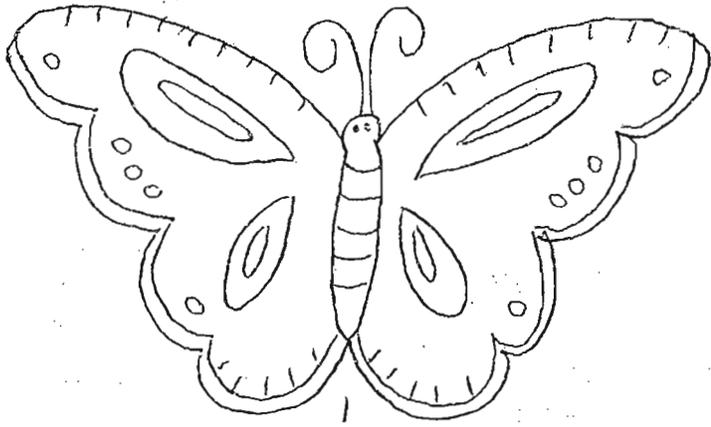


Using a **YELLOW** highlighter, **TRACE** the caterpillar's body starting at the **LEFT**.

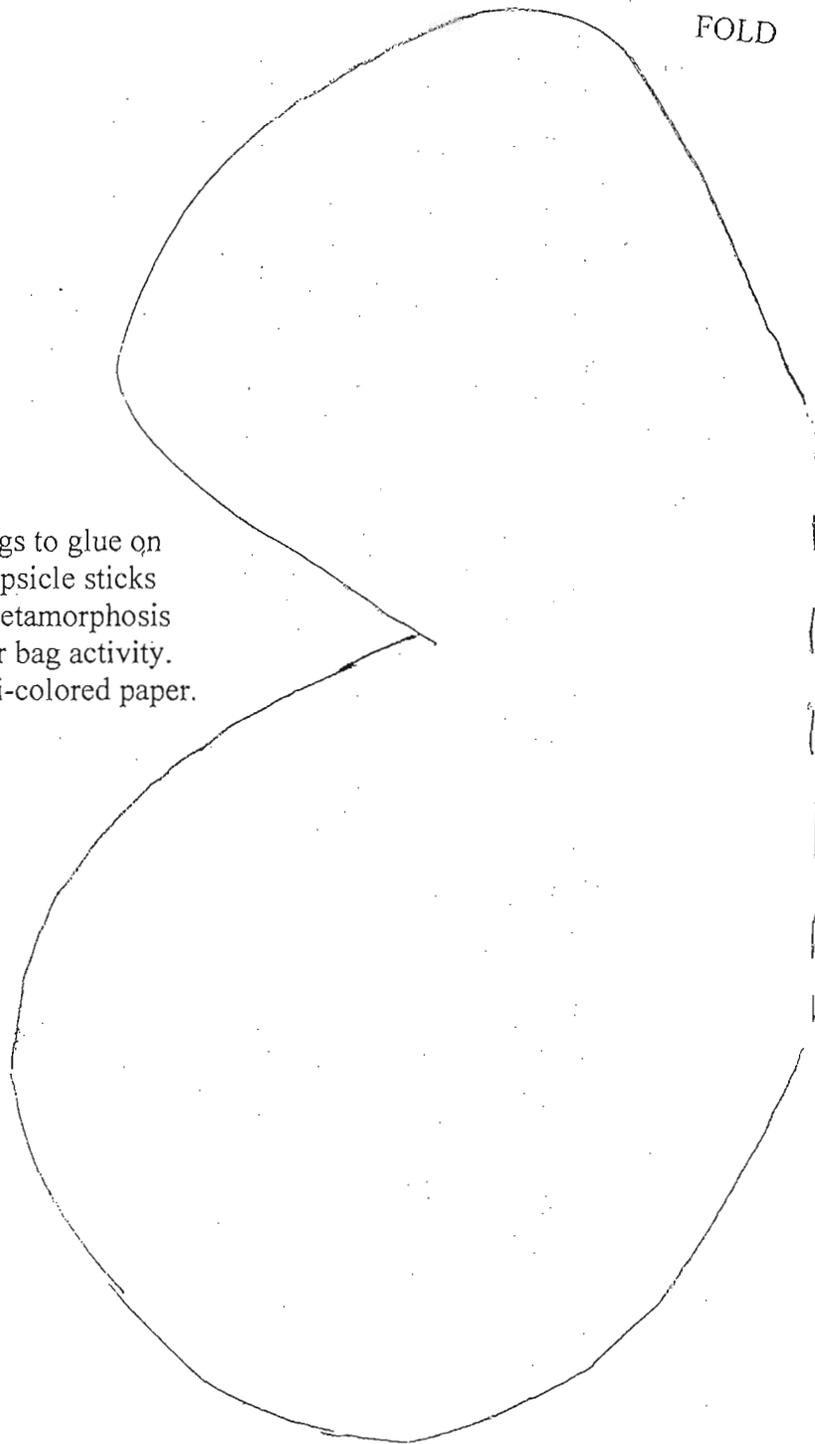
Using a **GREEN** crayon, **TRACE** the circles on the caterpillars' heads.

COLOR the **LEAF** of your favorite caterpillar.



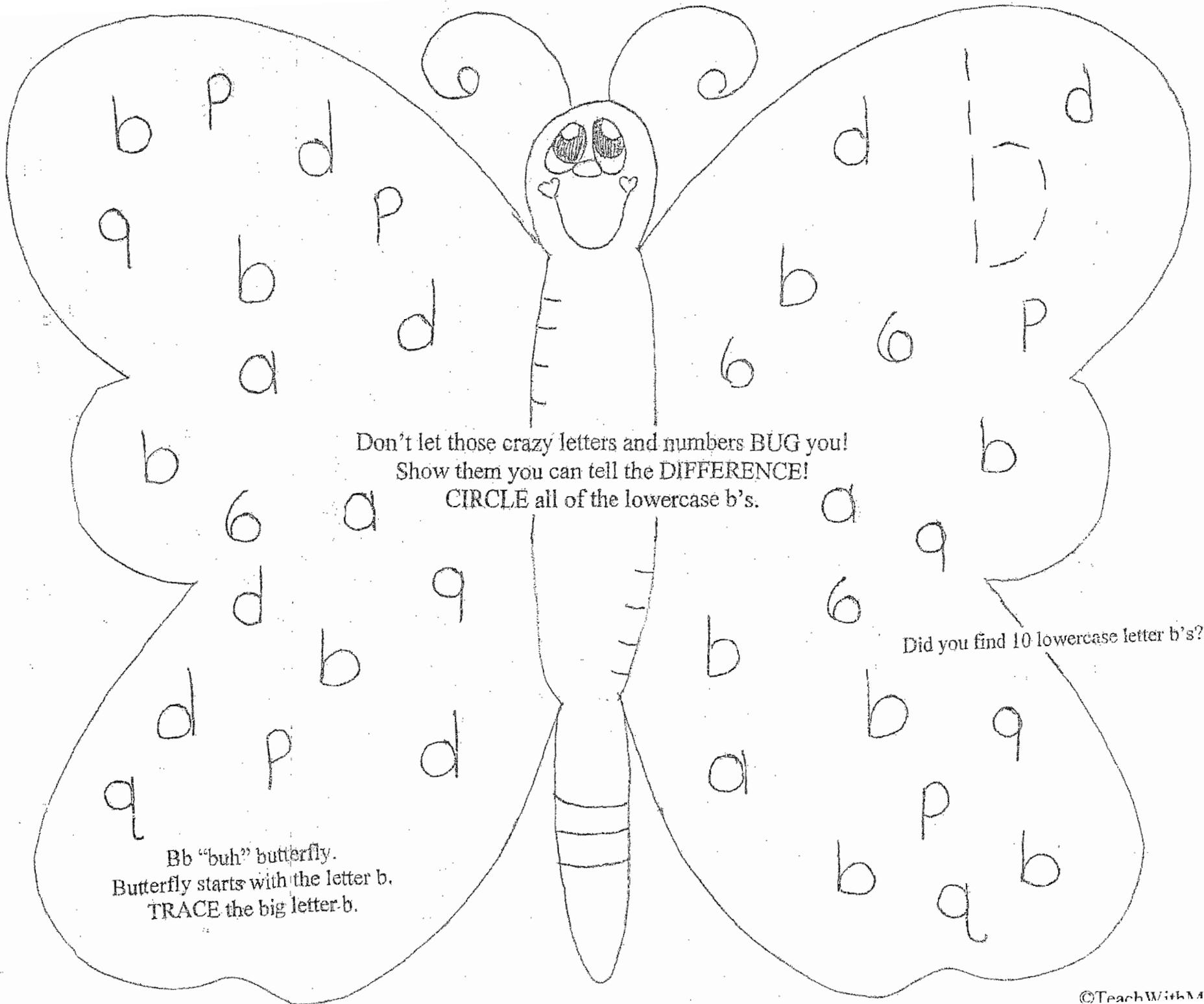


FOLD



Butterfly wings to glue on
caterpillar popsicle sticks
for "magic" metamorphosis
chrysalis paper bag activity.

Run off on multi-colored paper.

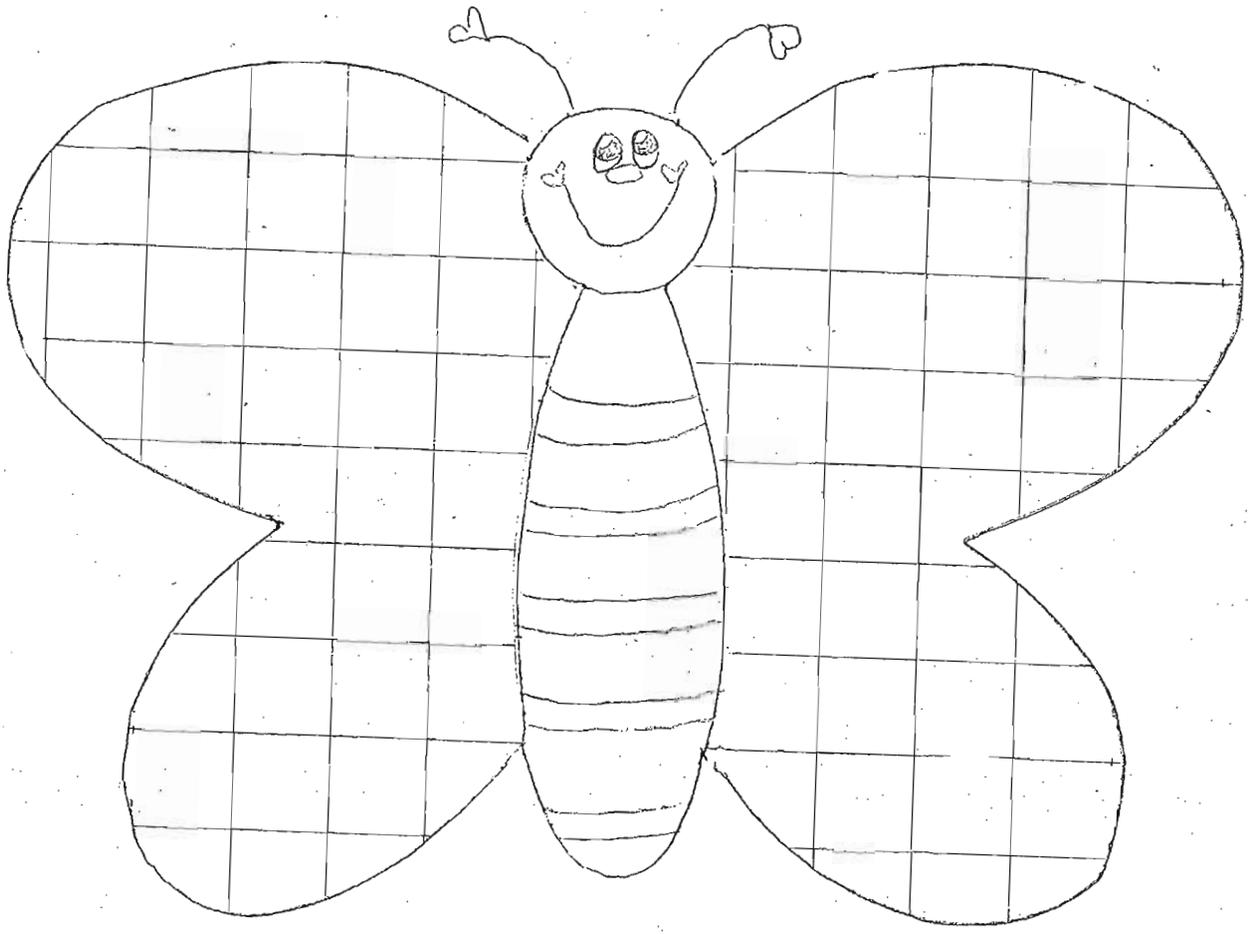


Don't let those crazy letters and numbers BUG you!
Show them you can tell the DIFFERENCE!
CIRCLE all of the lowercase b's.

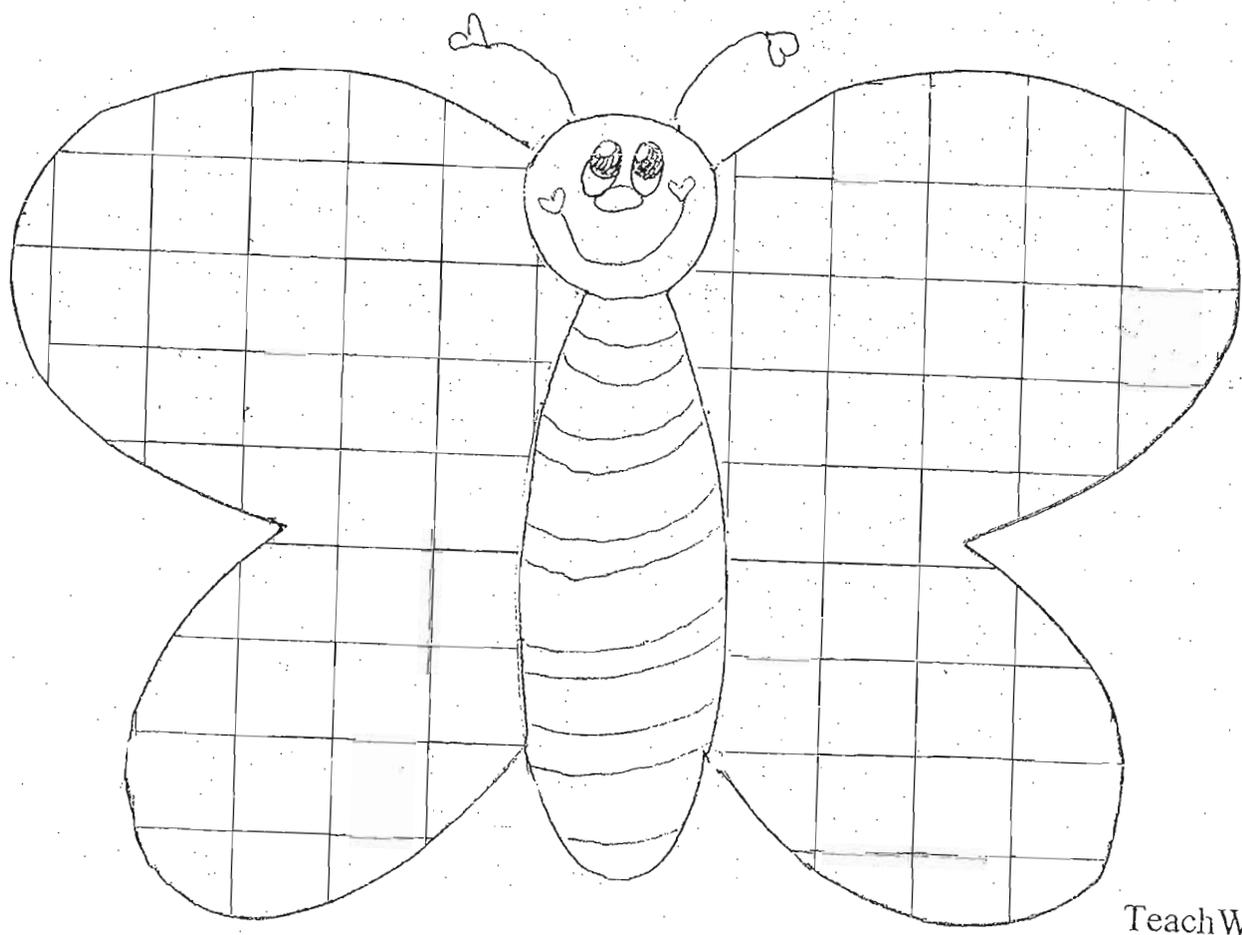
Bb "buh" butterfly.
Butterfly starts with the letter b.
TRACE the big letter b.

Did you find 10 lowercase letter b's?

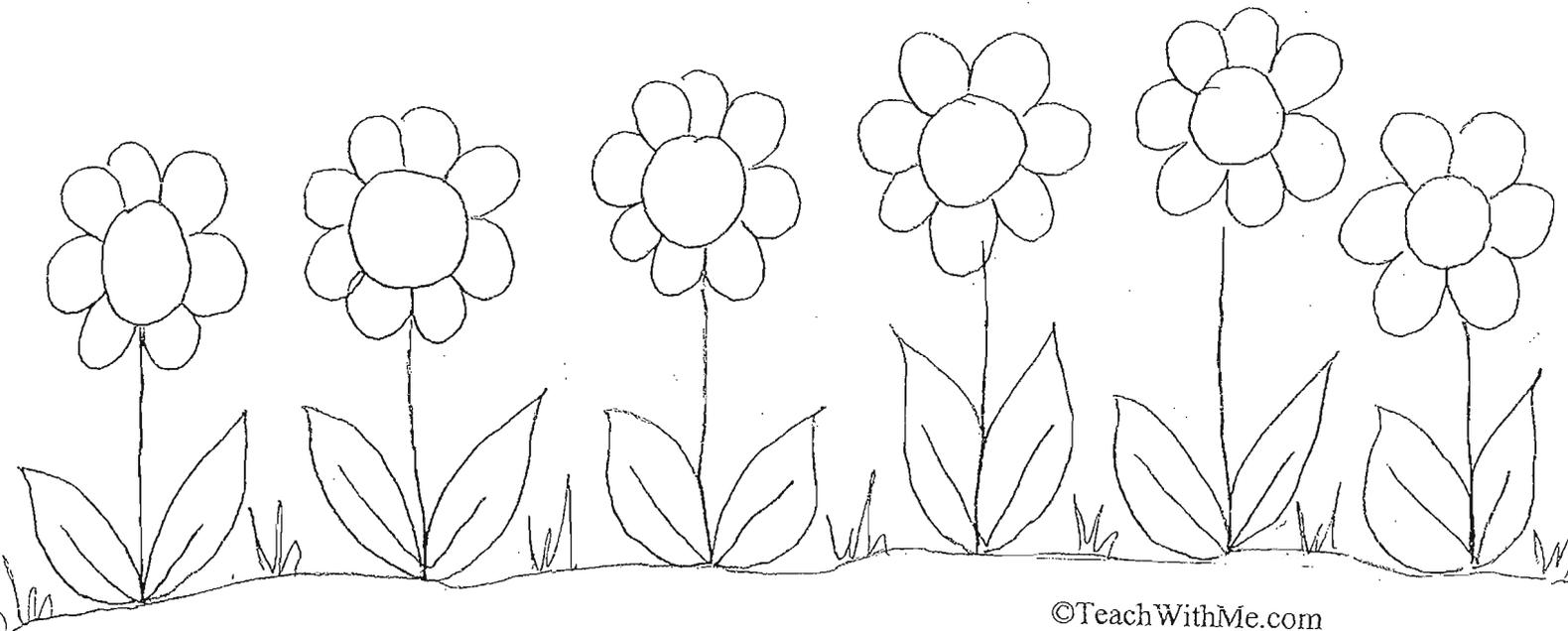
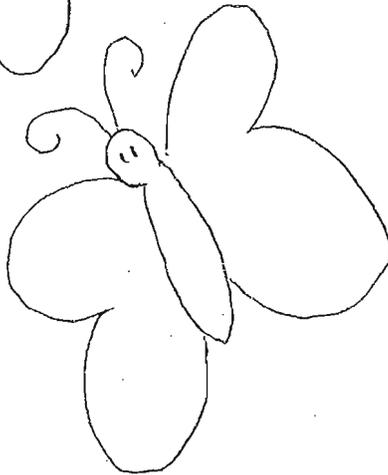
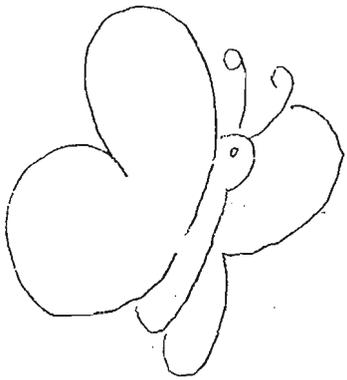
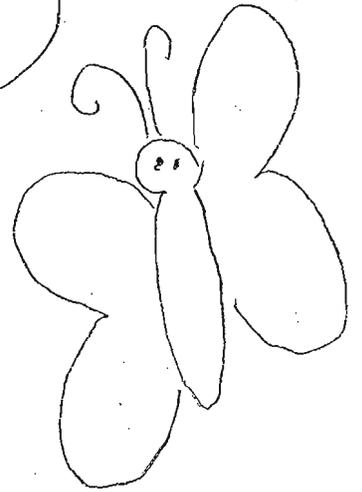
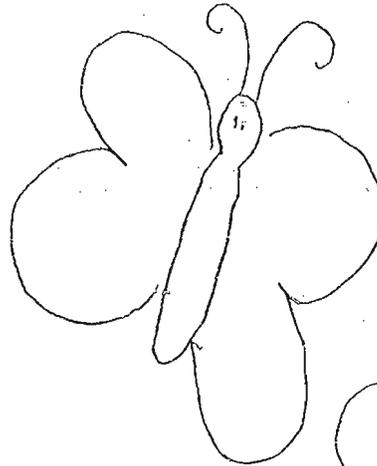
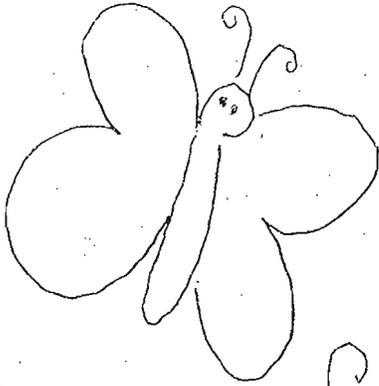
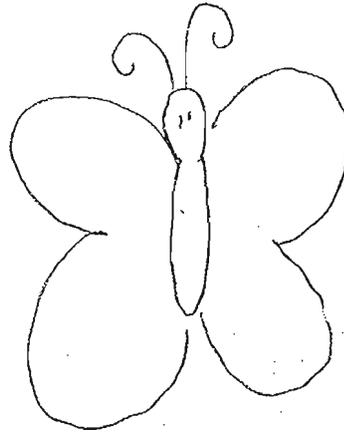
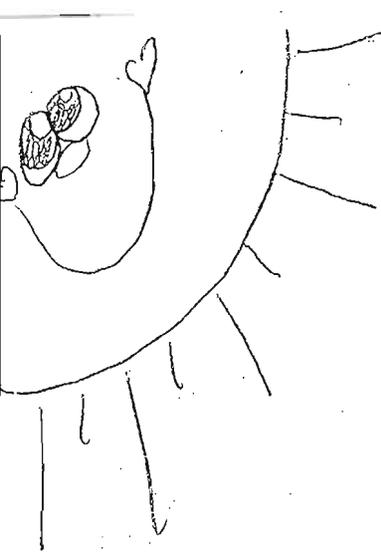
Choose 2 colors and color in the boxes in an ABAB pattern.



Choose 2 colors and color in the boxes in an ABAB pattern.

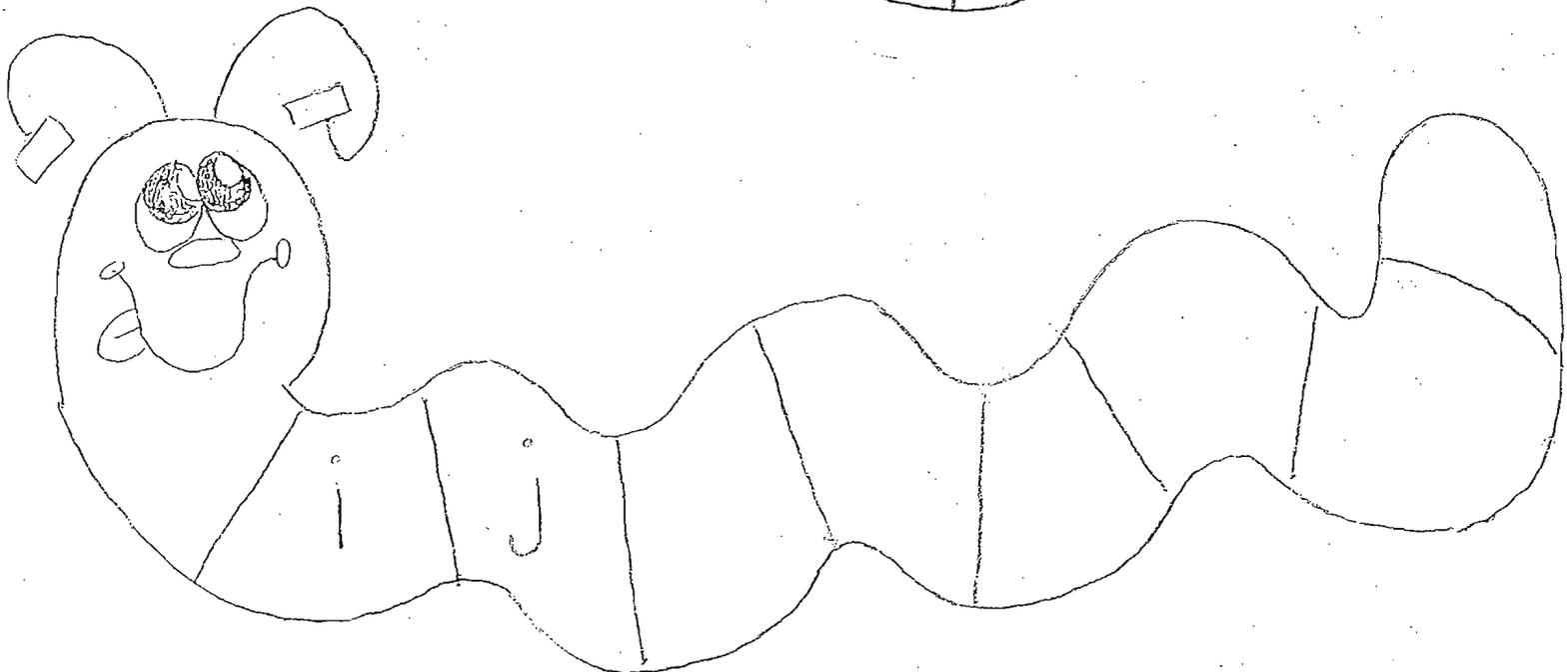
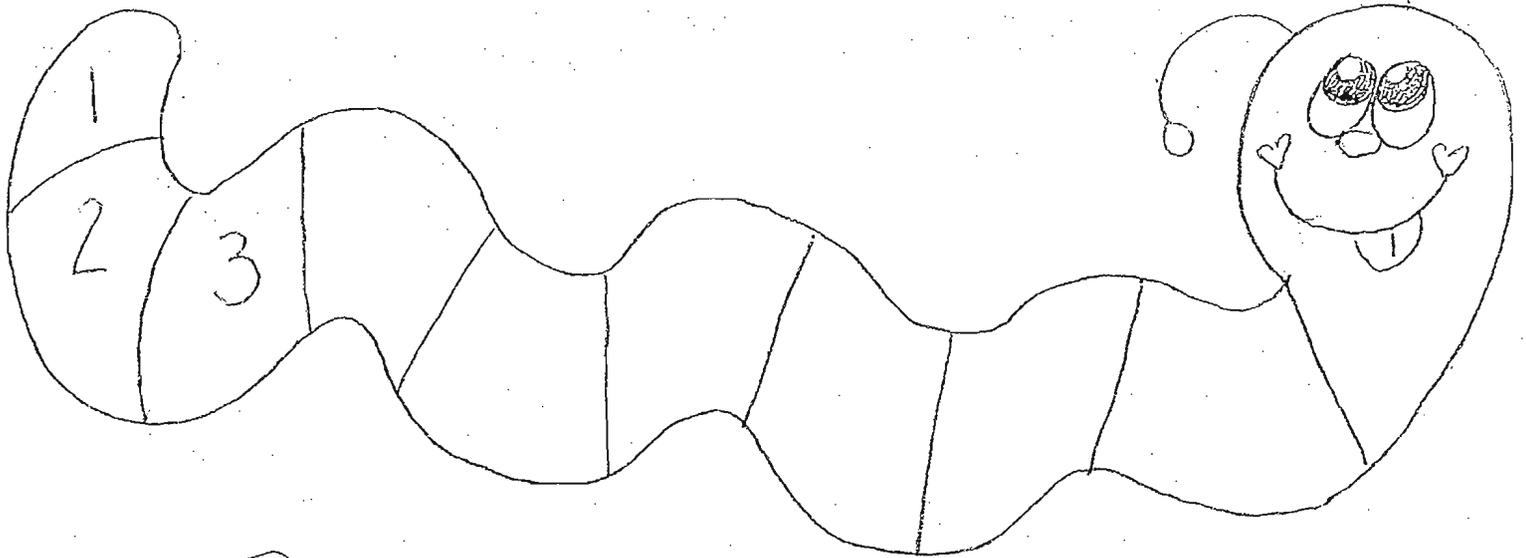
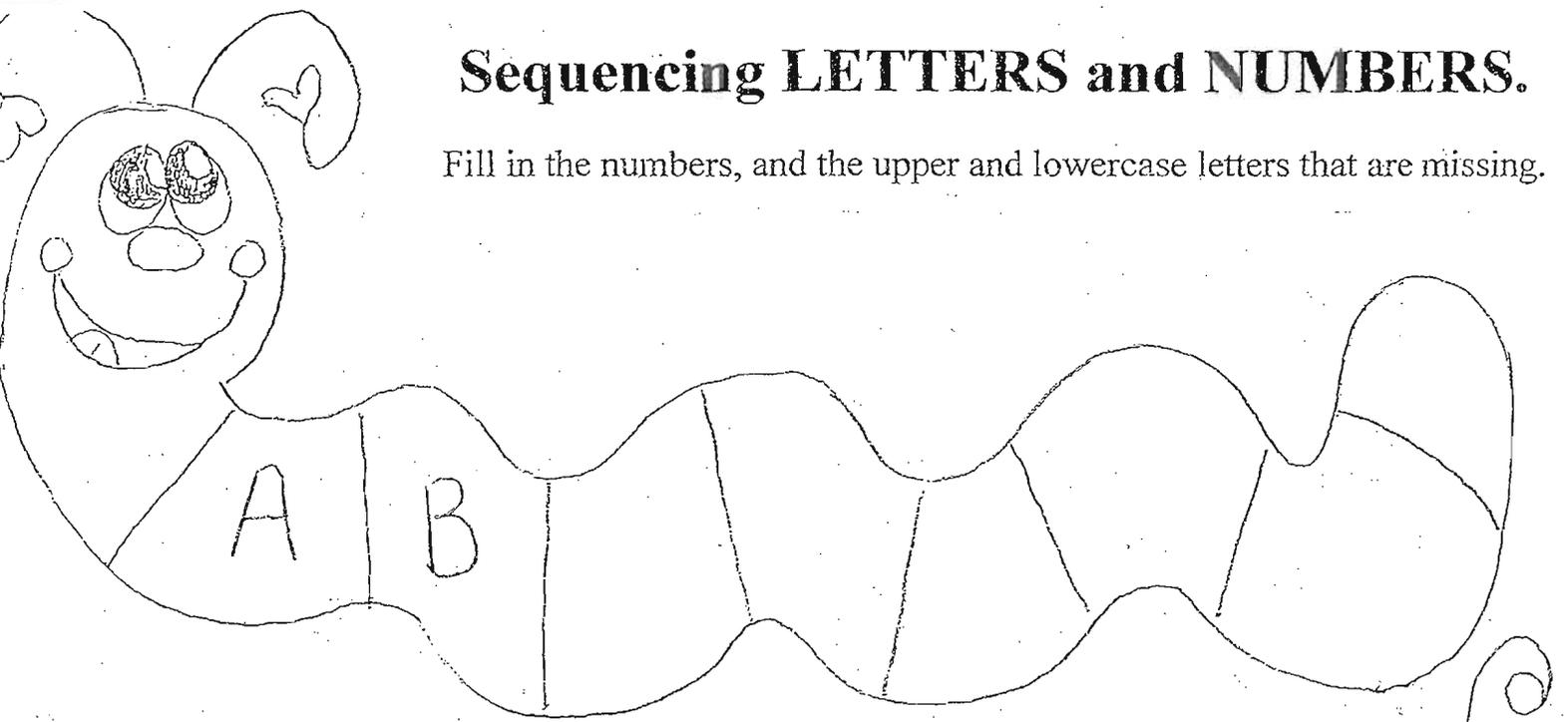


Draw lines to match the uppercase letters in the butterflies to the lowercase letters in the flowers. Use a DIFFERENT color for each one.



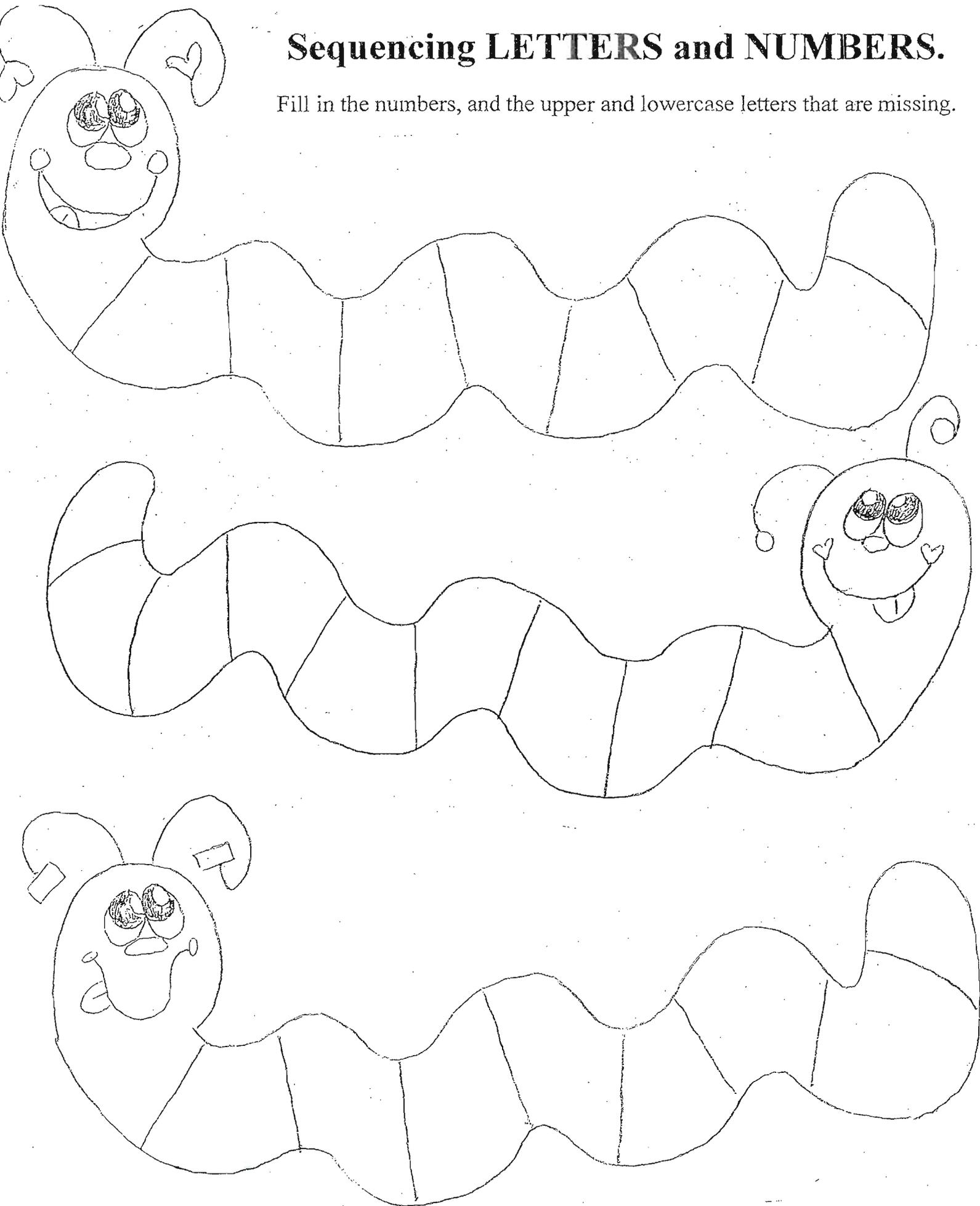
Sequencing LETTERS and NUMBERS.

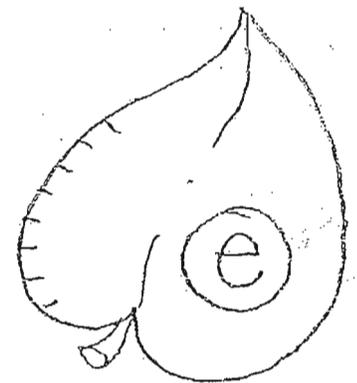
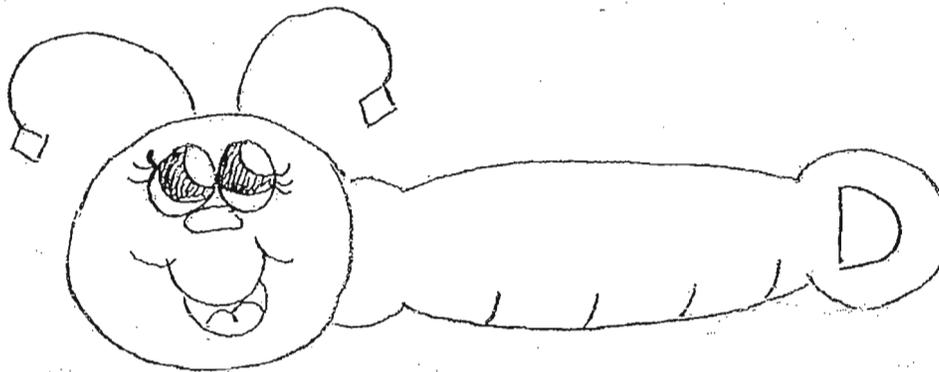
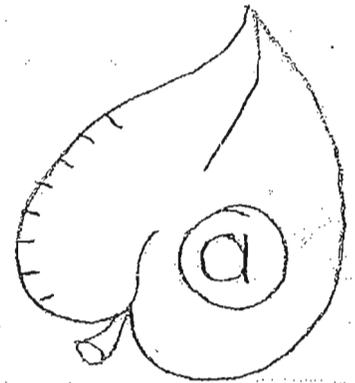
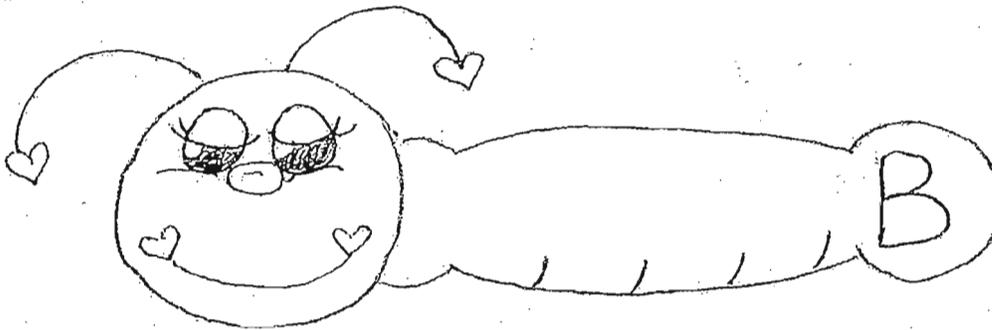
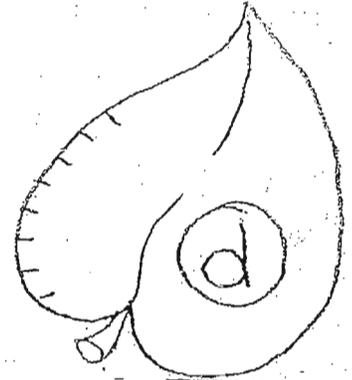
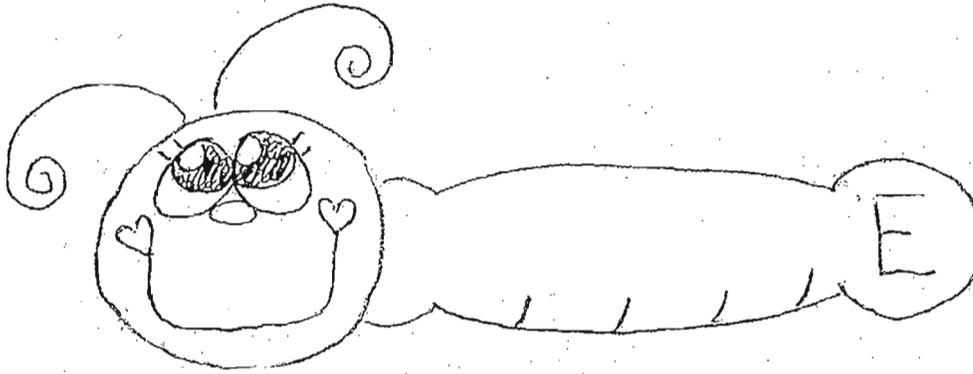
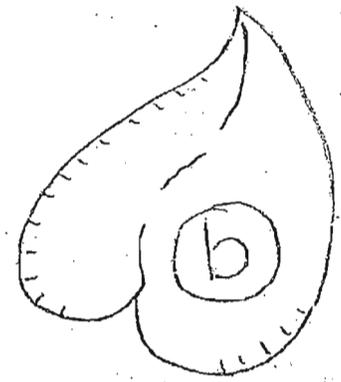
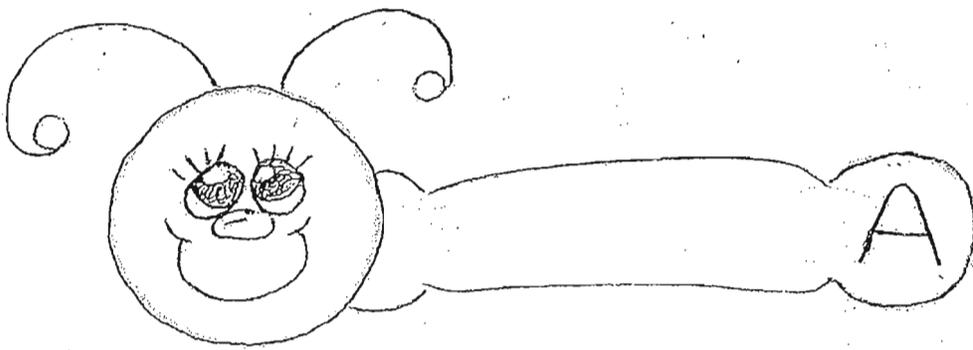
Fill in the numbers, and the upper and lowercase letters that are missing.



Sequencing LETTERS and NUMBERS.

Fill in the numbers, and the upper and lowercase letters that are missing.





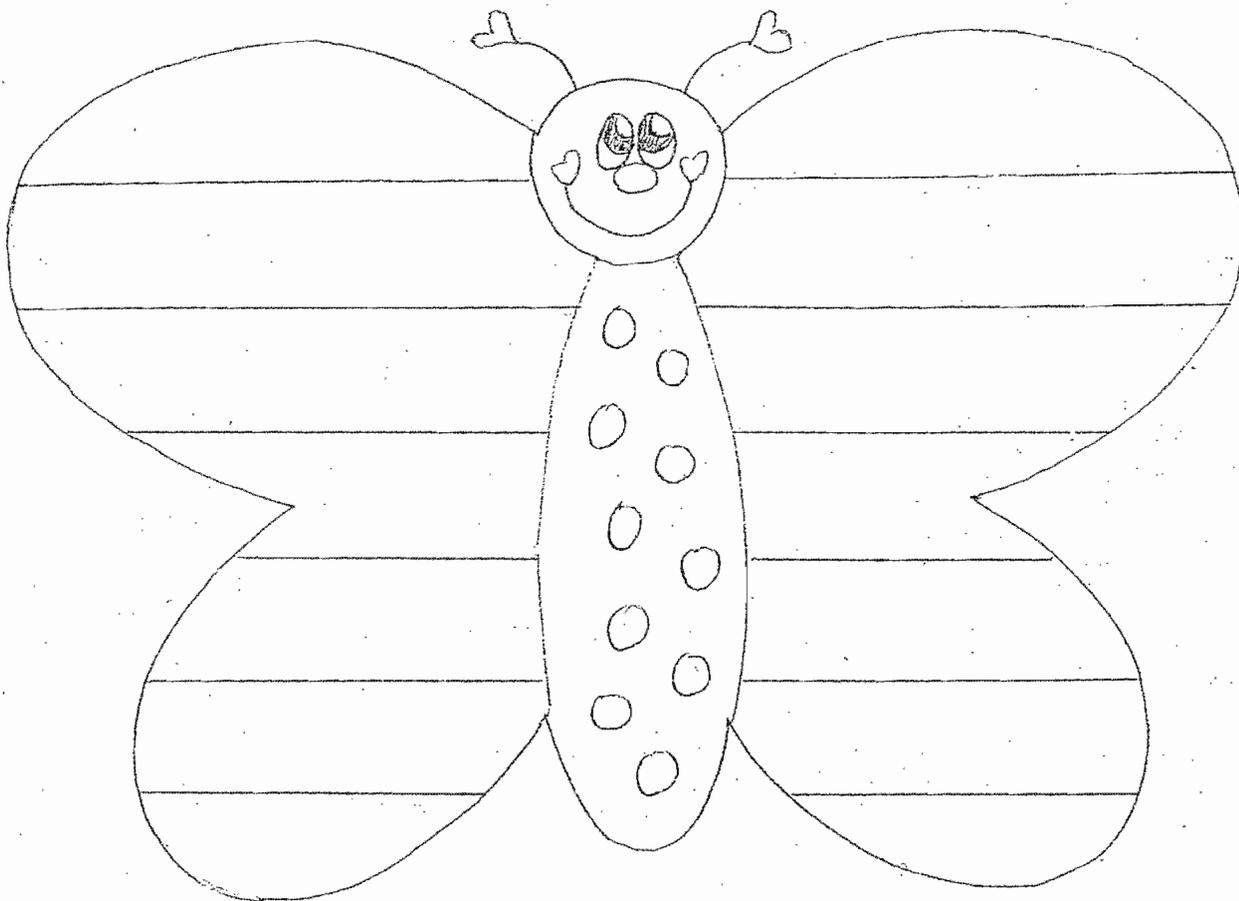
Using a DIFFERENT color crayon for each, MATCH the capital letter on the caterpillar, to the lowercase letter on the egg.

TRACE around the caterpillar's head to draw a large CIRCLE.

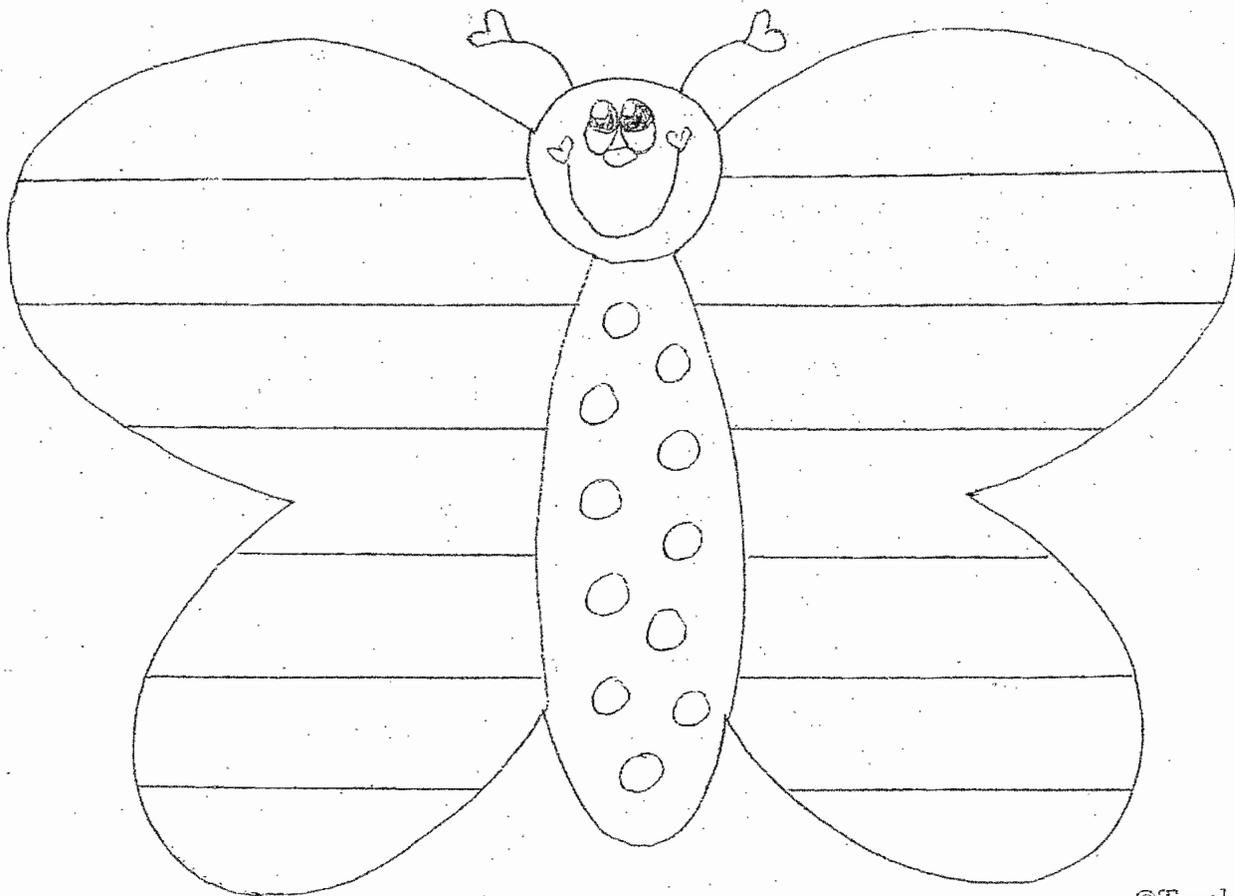
TRACE around the egg on the leaf, to draw a small CIRCLE.

WRITE 2 more of that letter on the body. WRITE 1 more letter on the leaf.

Color the stripes in rainbow-colored order.

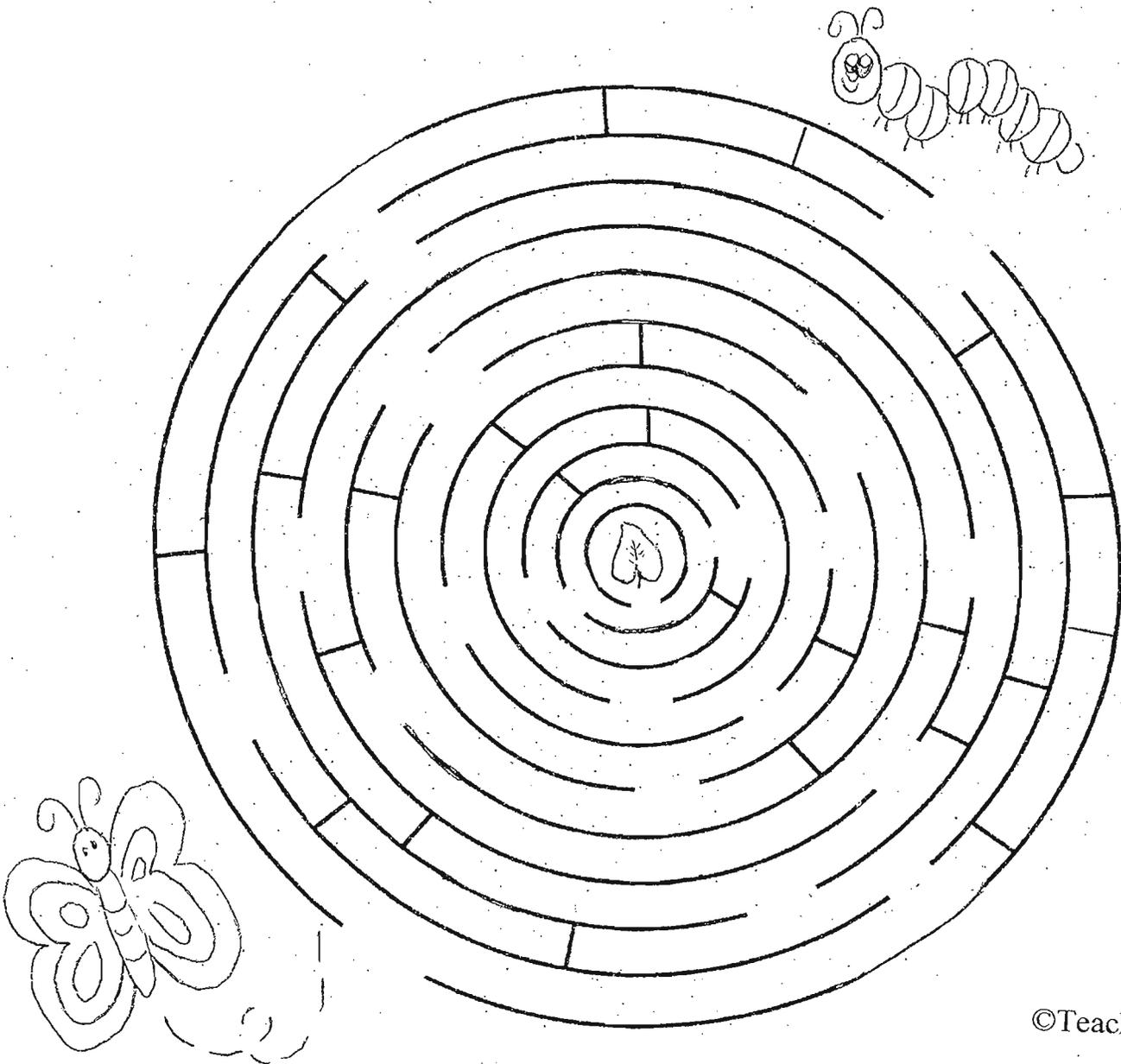


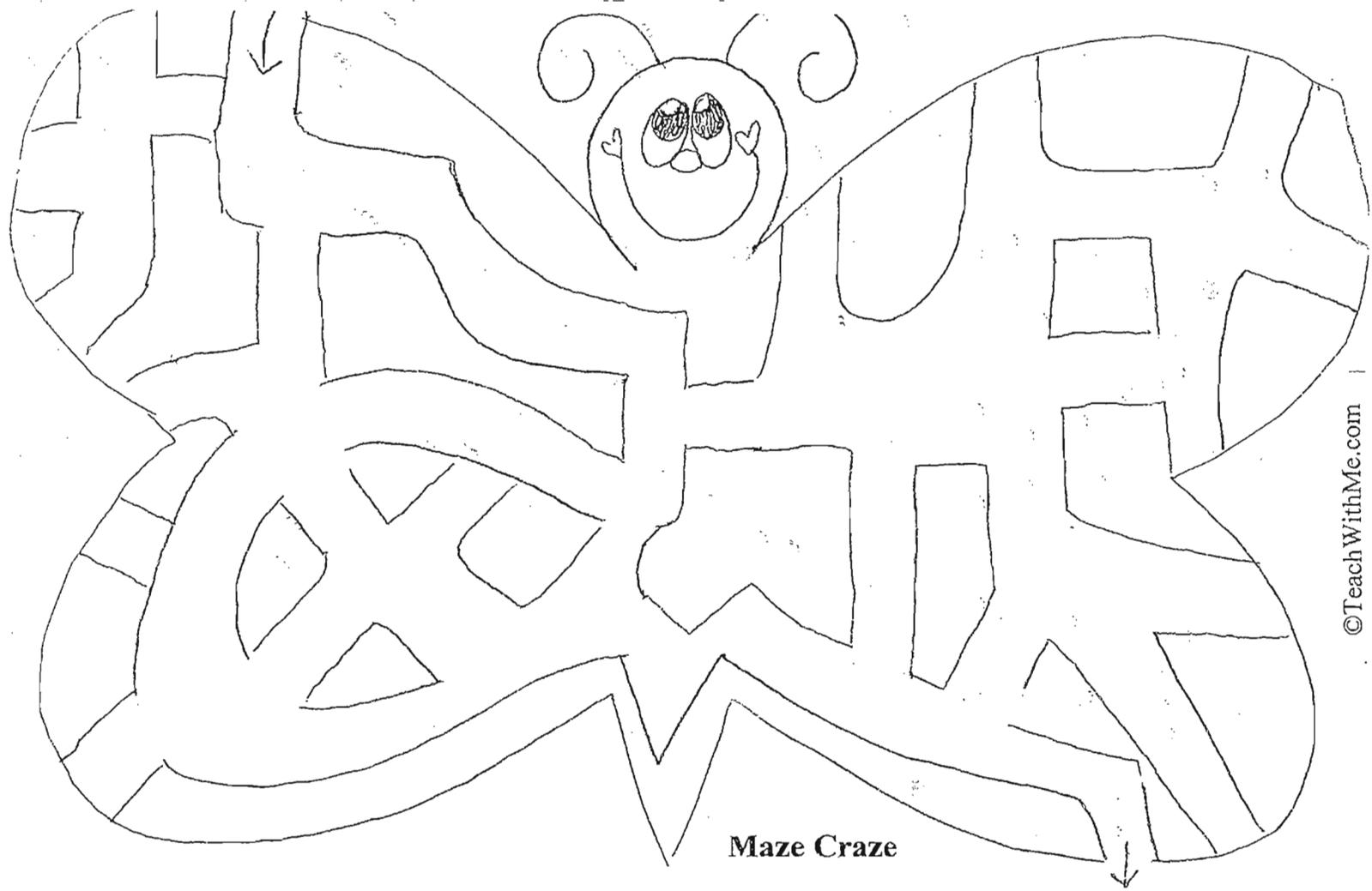
Color the stripes in rainbow-colored order.



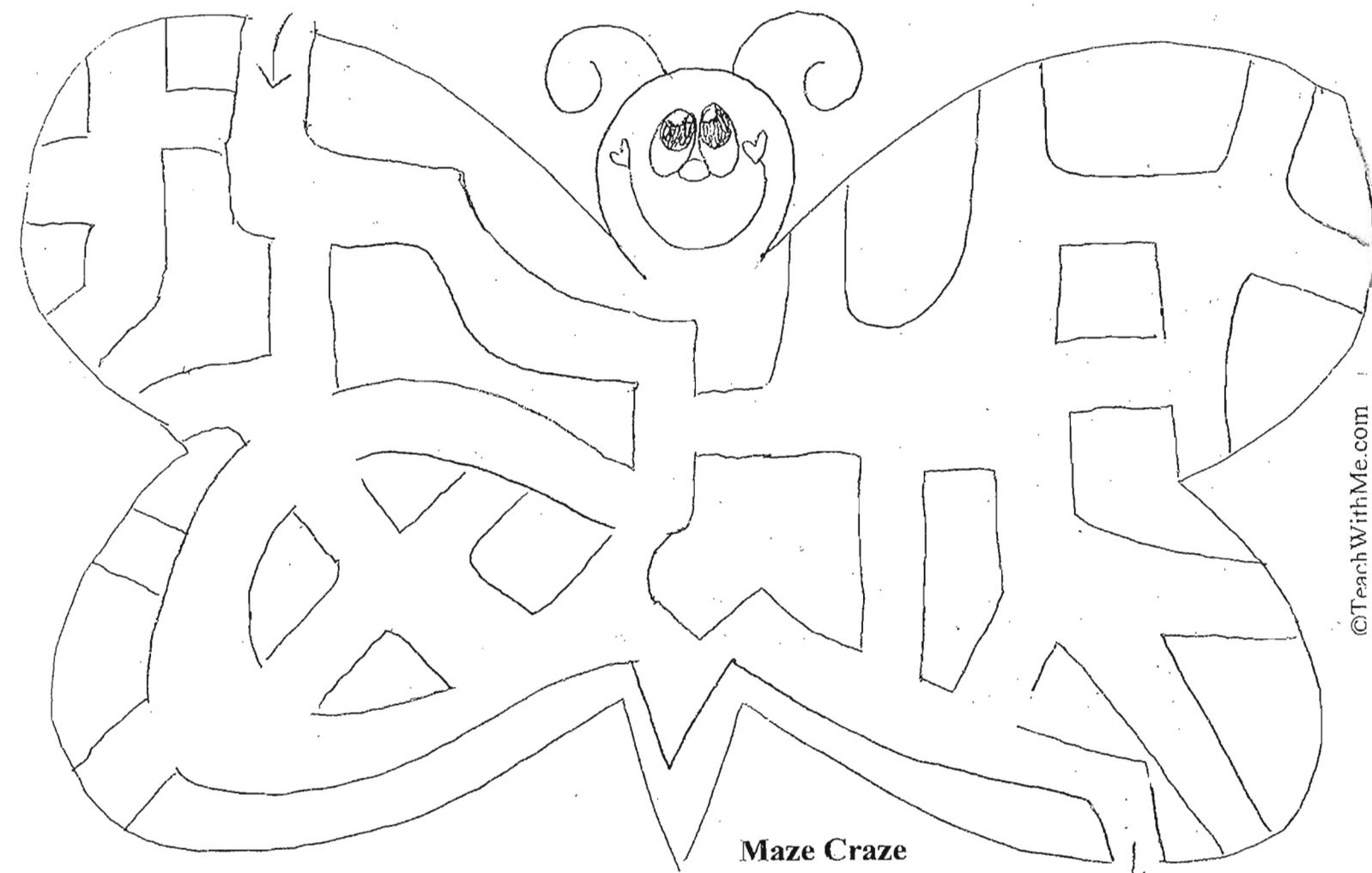
MAZE CRAZE!

Help the butterfly and the caterpillar get to the leaf in the center.
The caterpillar wants to eat. The butterfly needs to lay eggs.
There is more than one way. How many can you find?





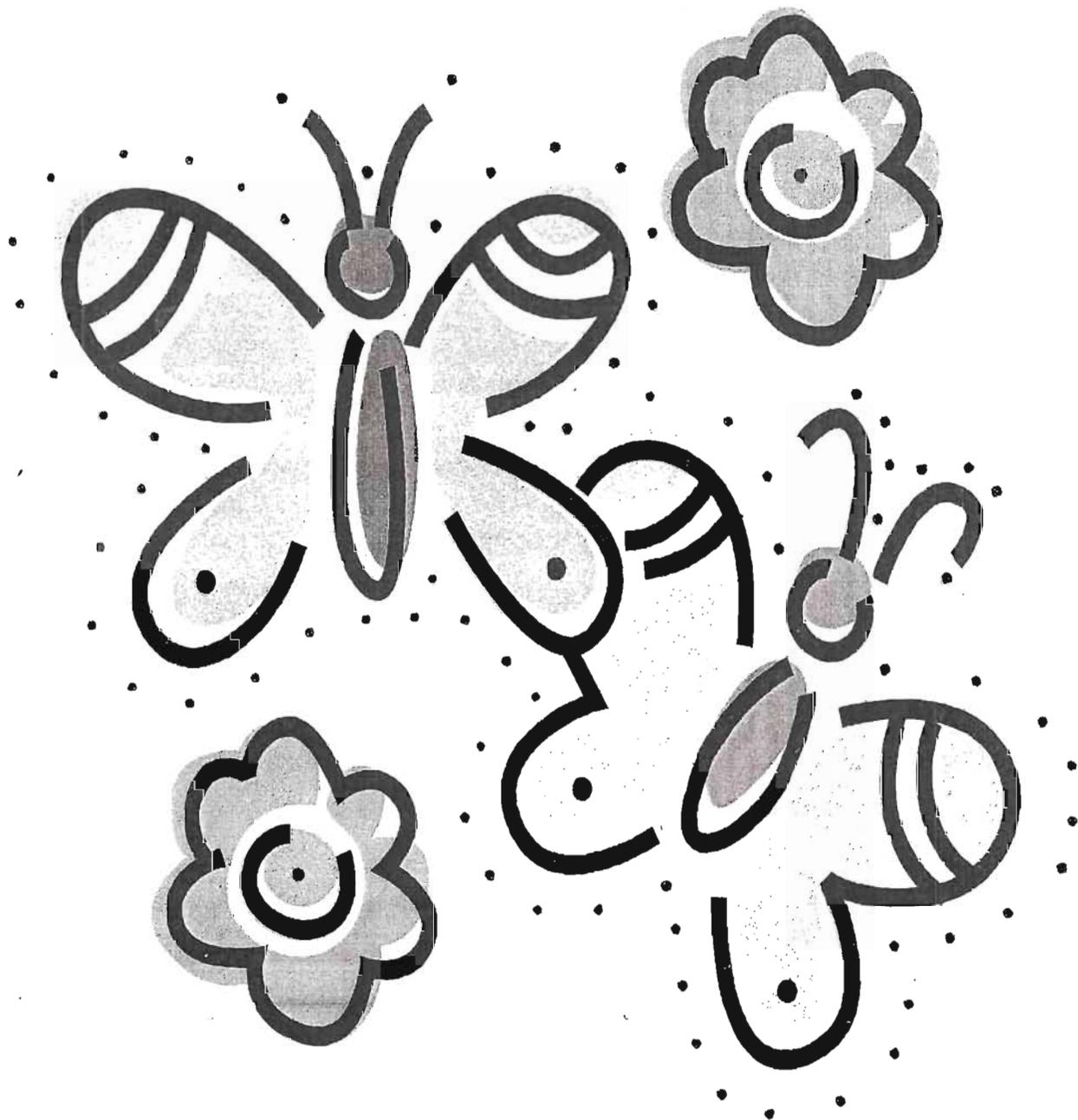
Maze Craze



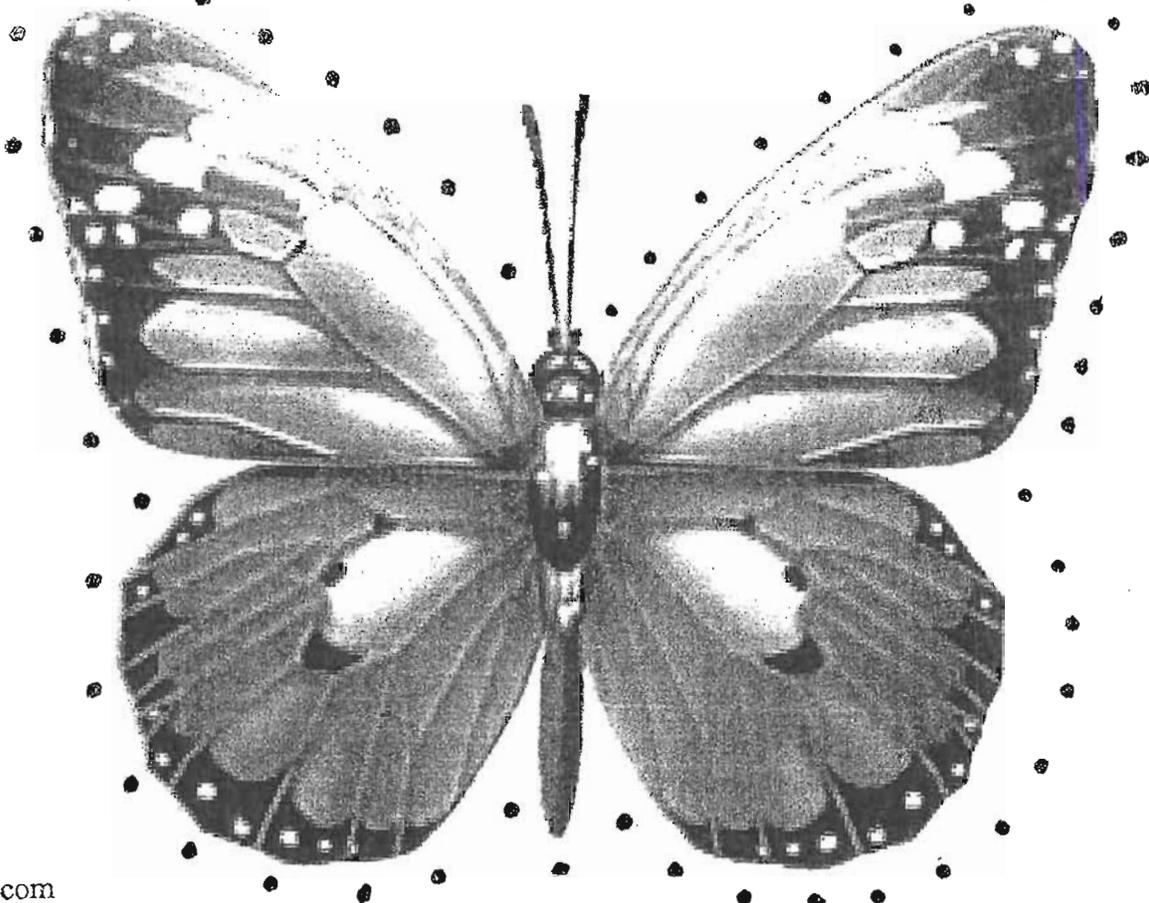
Maze Craze

PINCH & POKE

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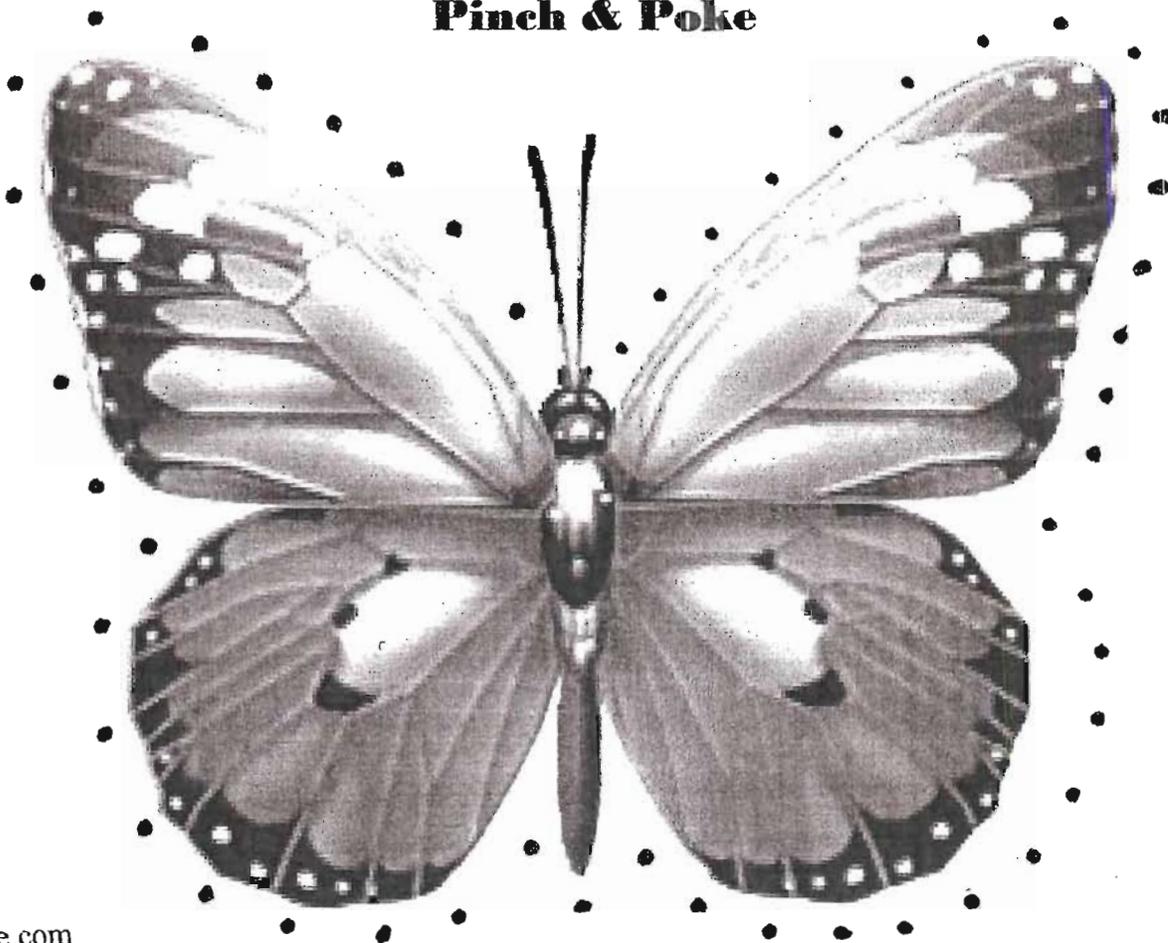


Pinch & Poke



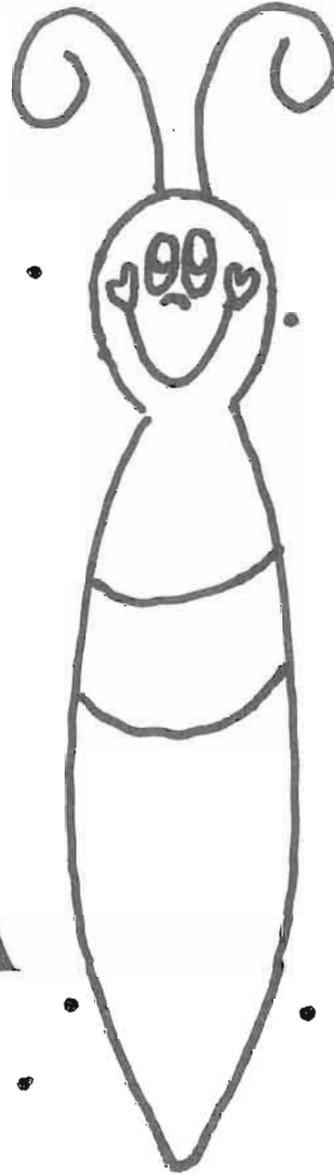
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Pinch & Poke

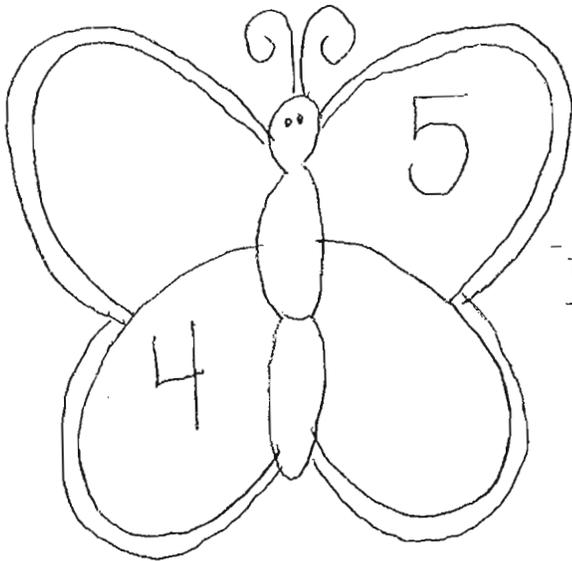
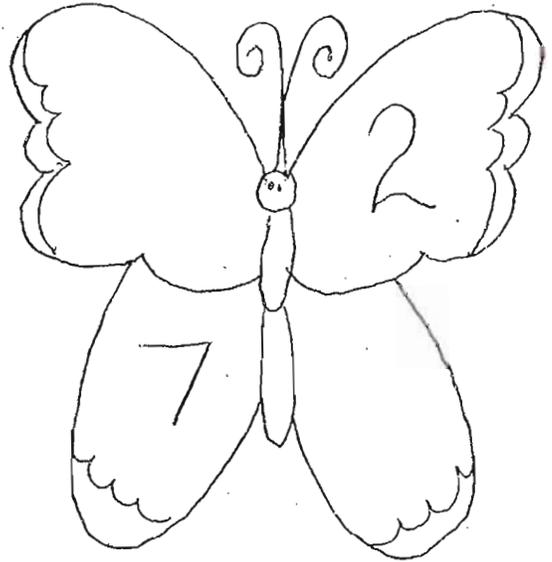
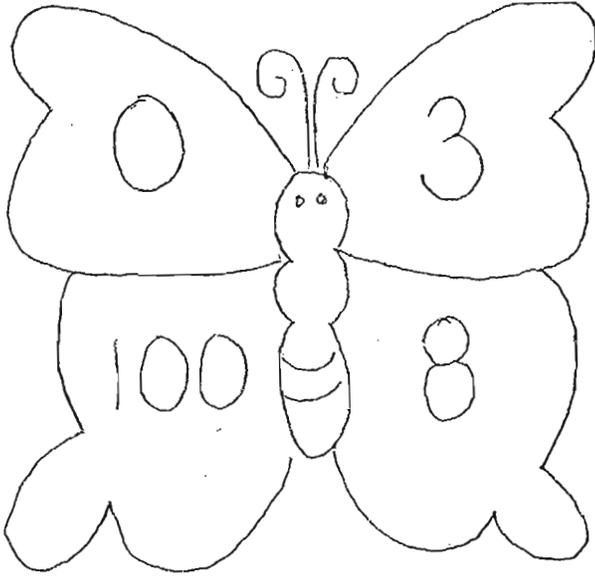


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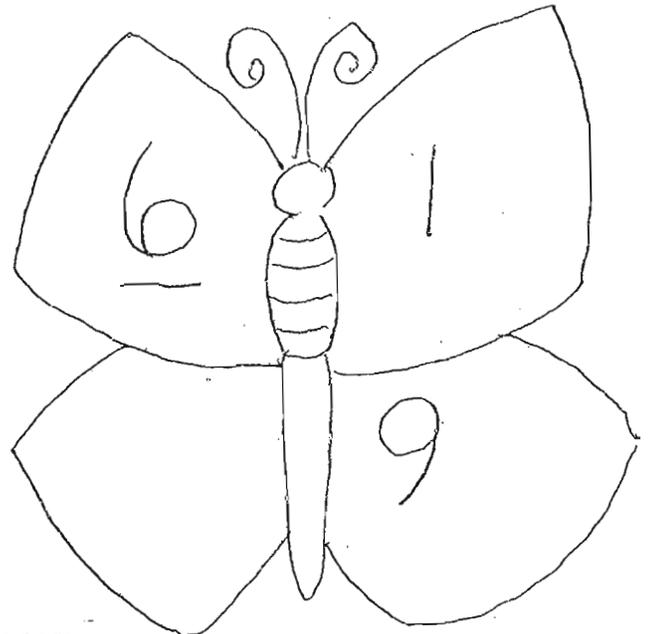
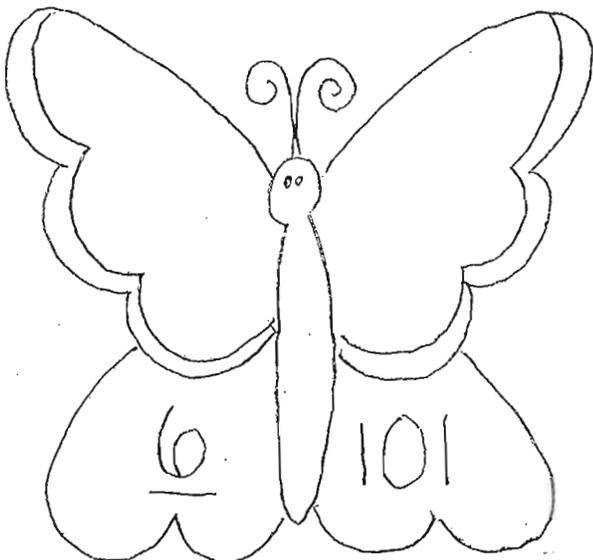
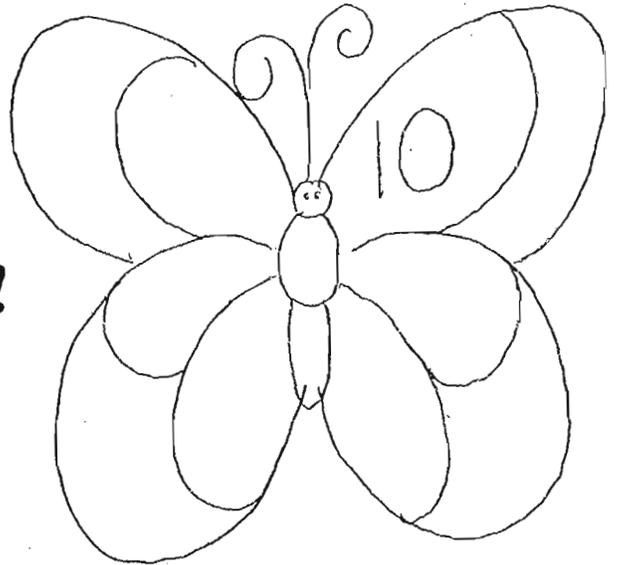
Pinch & Poke A Shape



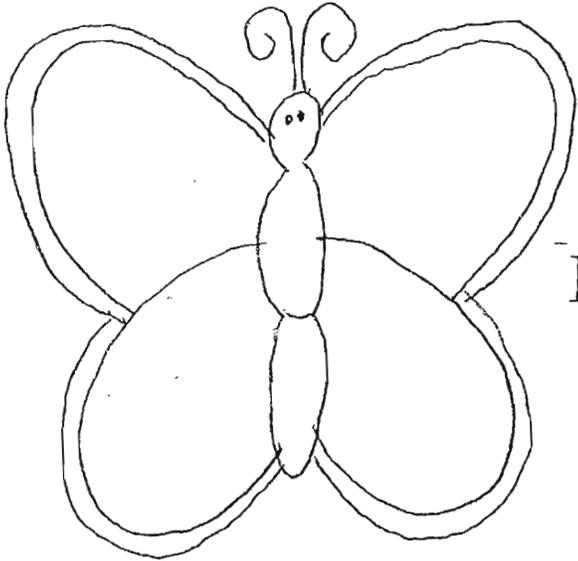
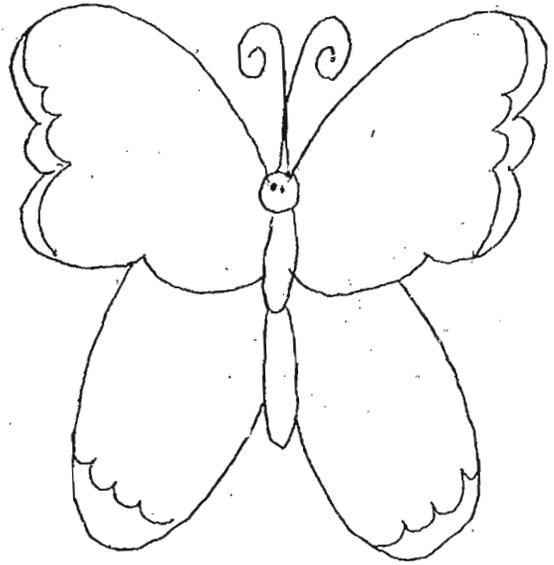
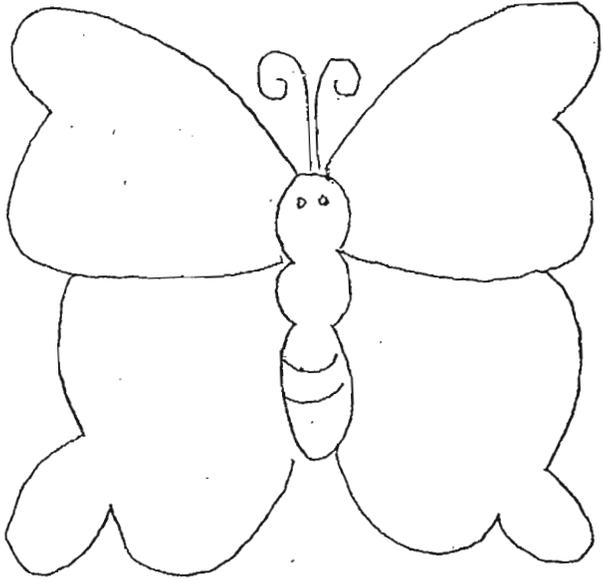
Please play I Spy with me at home!



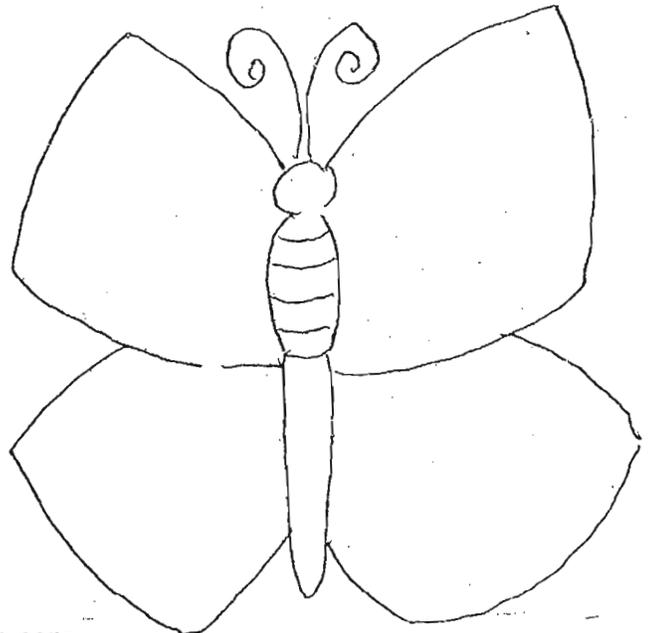
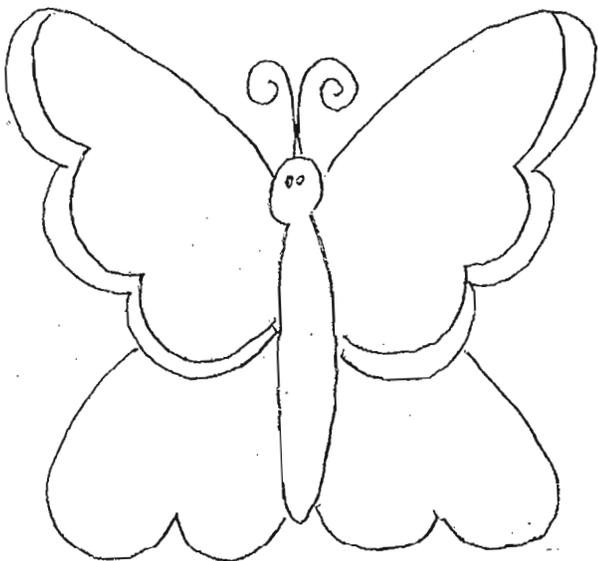
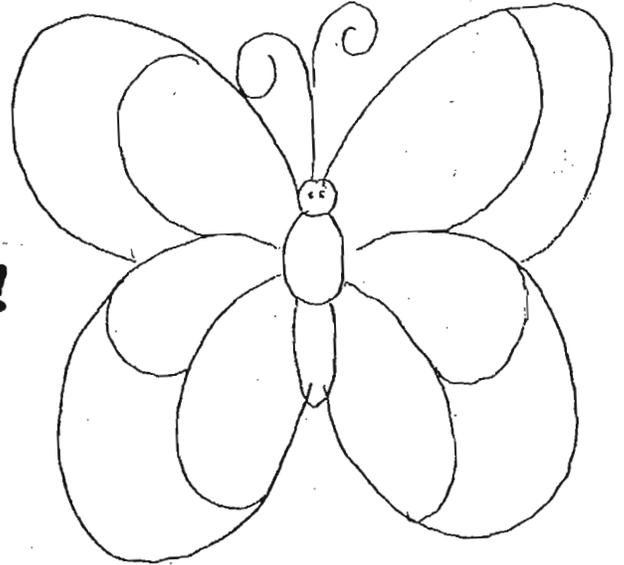
I Spy!



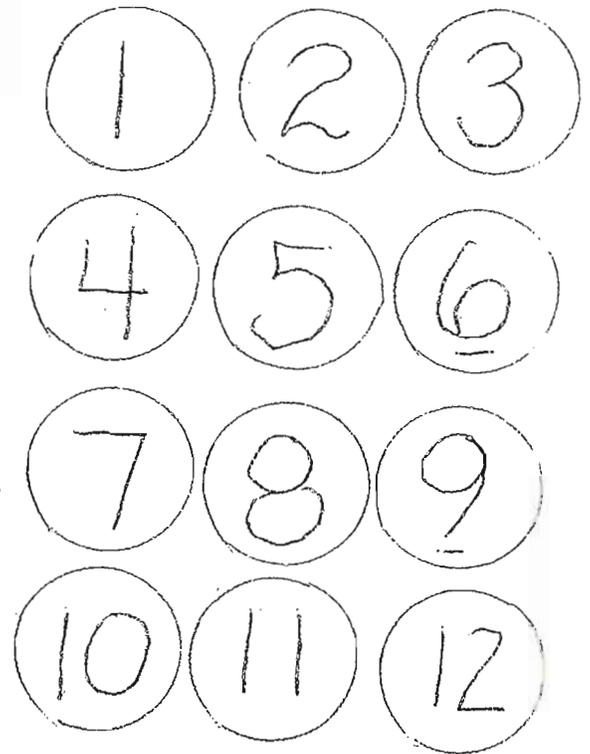
Please play I Spy with me at home!



I Spy!



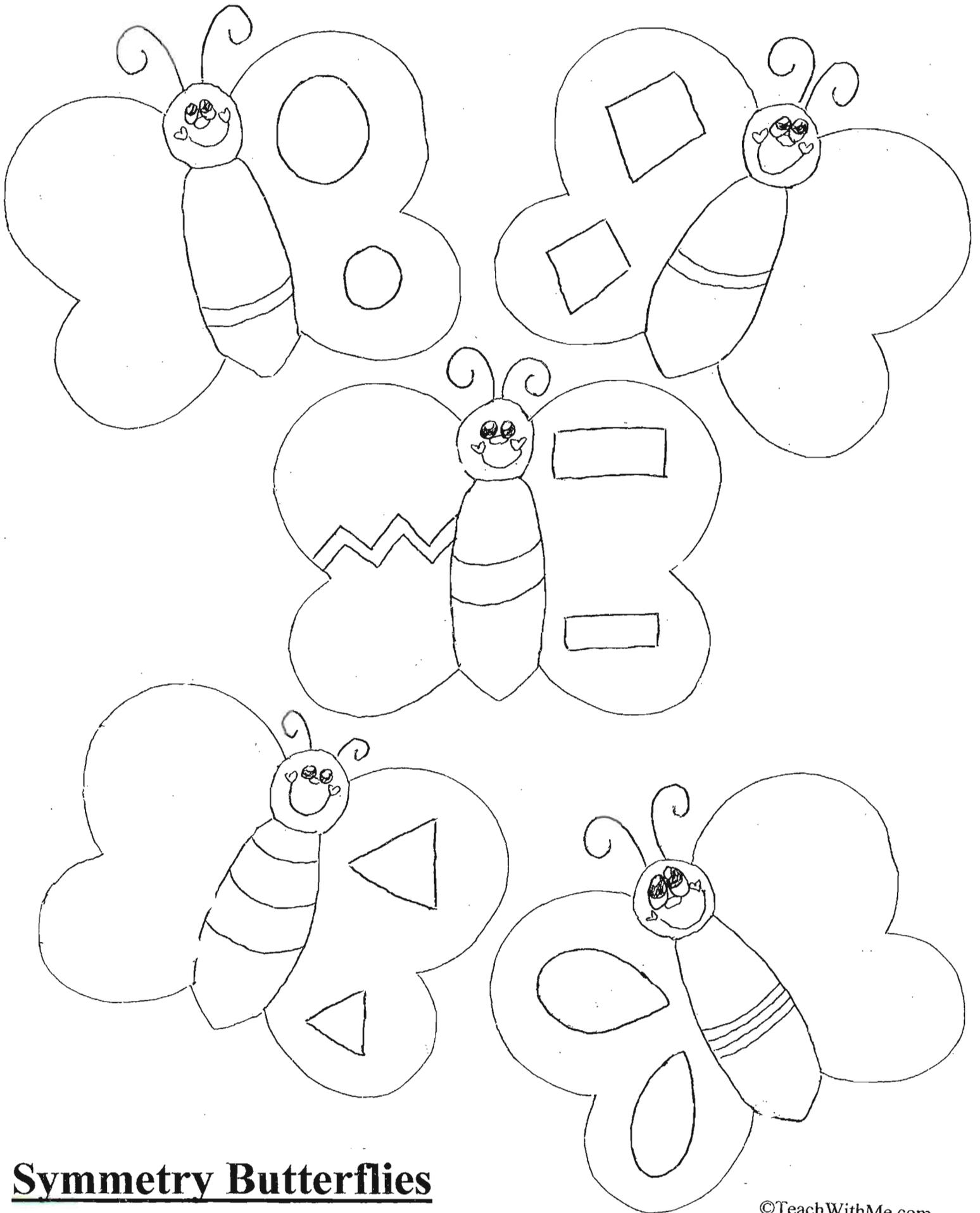
Butterflies On An Addition & Subtraction Roll



Directions:

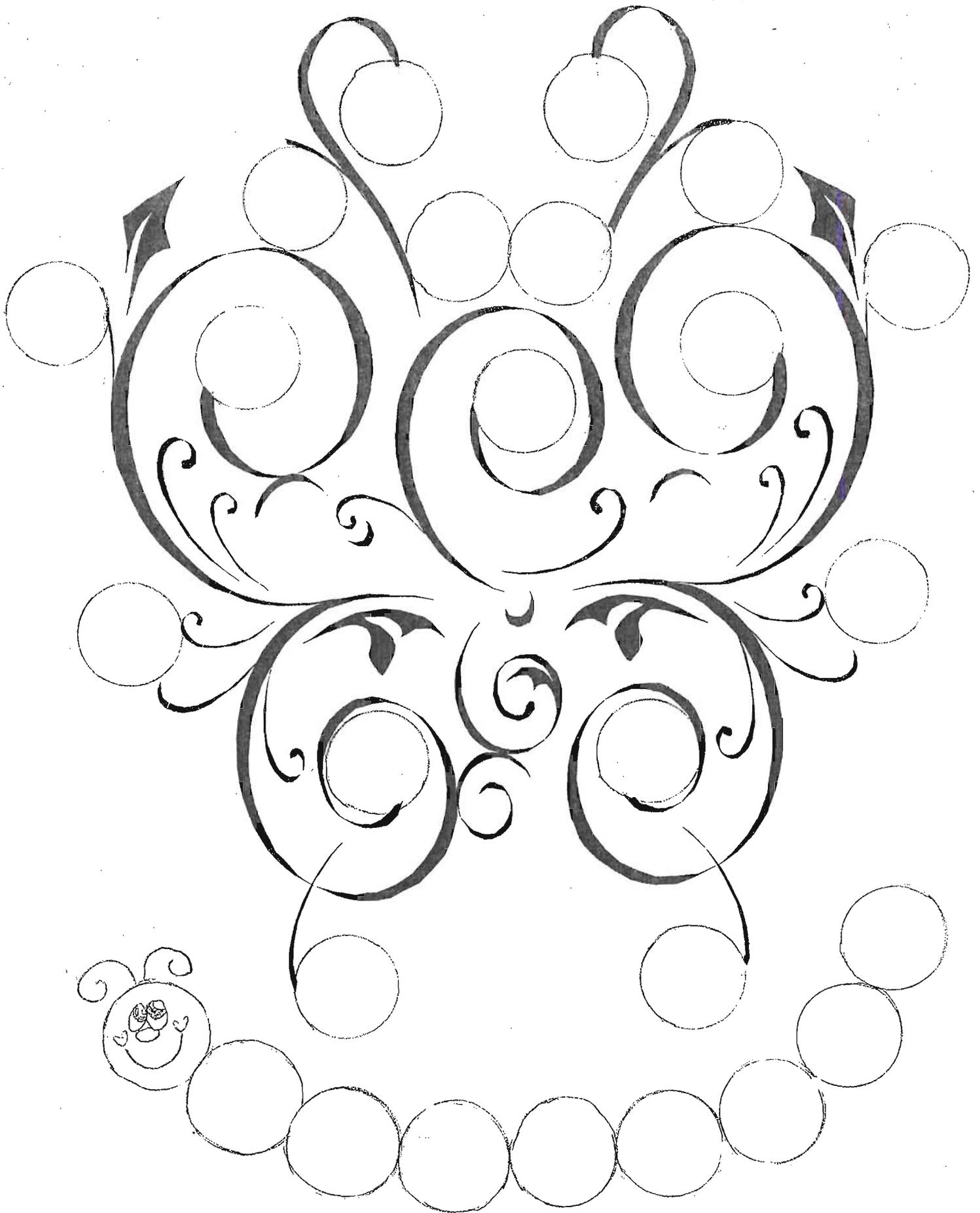
- Choose a partner.
- Roll the dice.
- High number goes 1st.
- Roll the dice.
- You may add or subtract the dice to get a number.
- Color in that numbered circle on your paper.
- Write the equation on the back of the paper.
- The 1st player to color in all of their numbers is the winner.

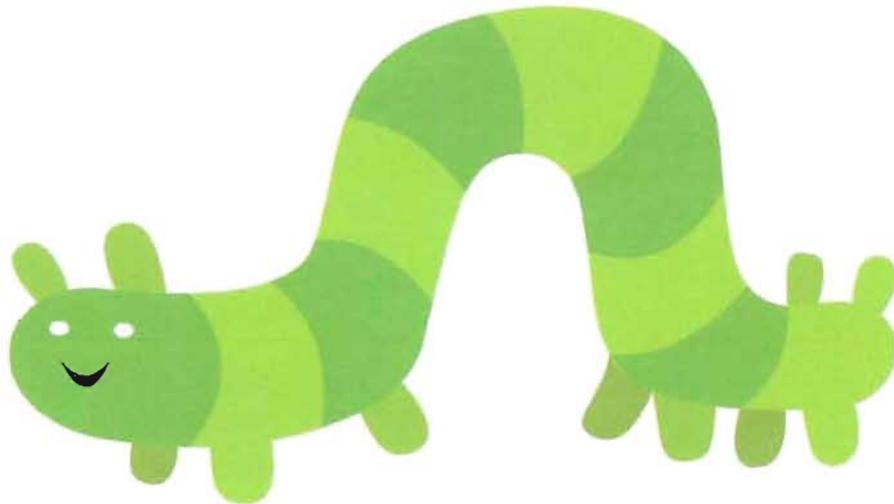
Draw a wing to match.



Symmetry Butterflies

Bingo Dot Butterfly

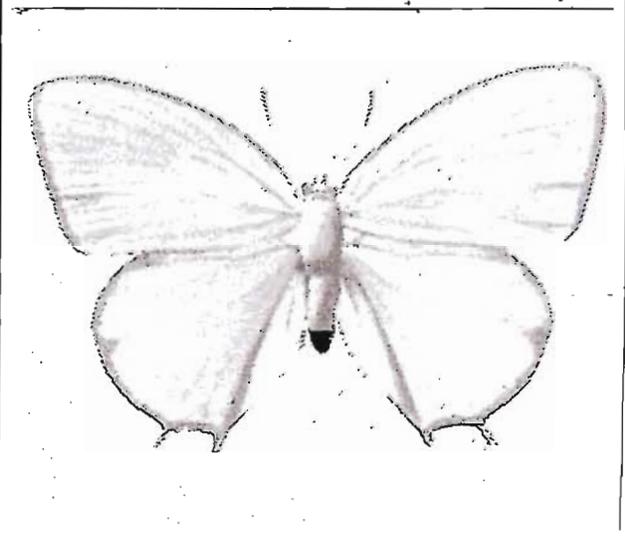
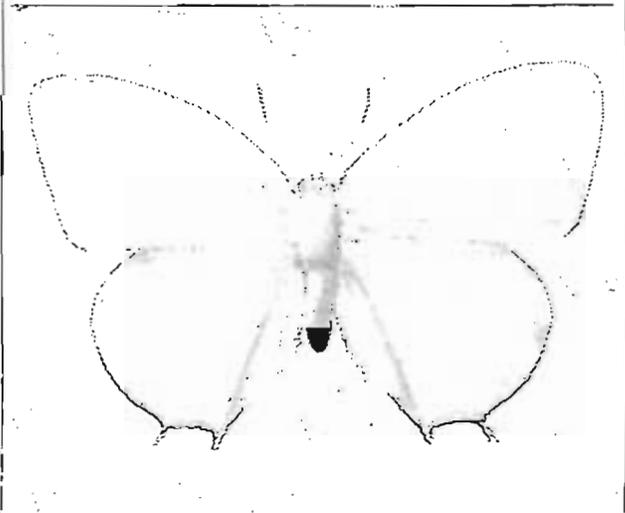
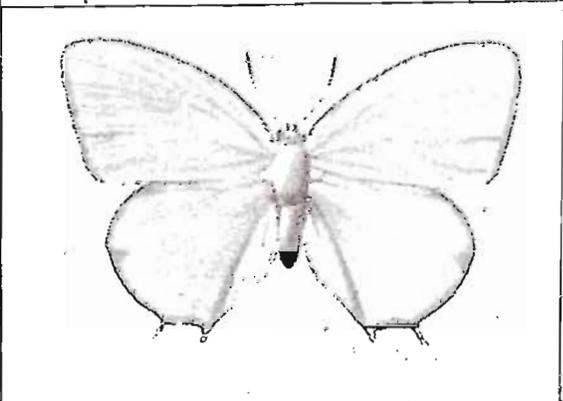
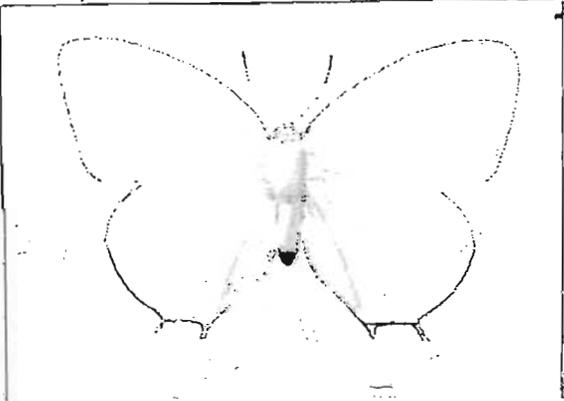
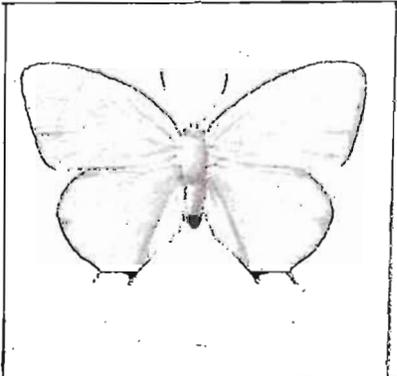
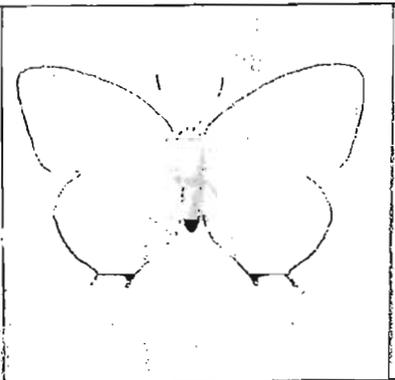




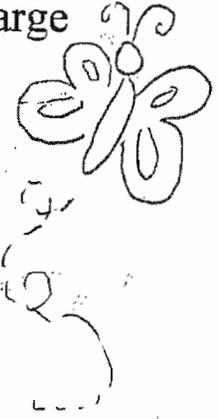
Caterpillar starts with Cc
Circle all of the upper and lowercase Cc's that you can find.
There are 10.

U O U E
V C O V C U
O V C O O
U C O V U O C E
V C U C V X V
U O C V X O C
X U O V C E V
U C V E C E O U
E C E U E O E

Butterfly Sort



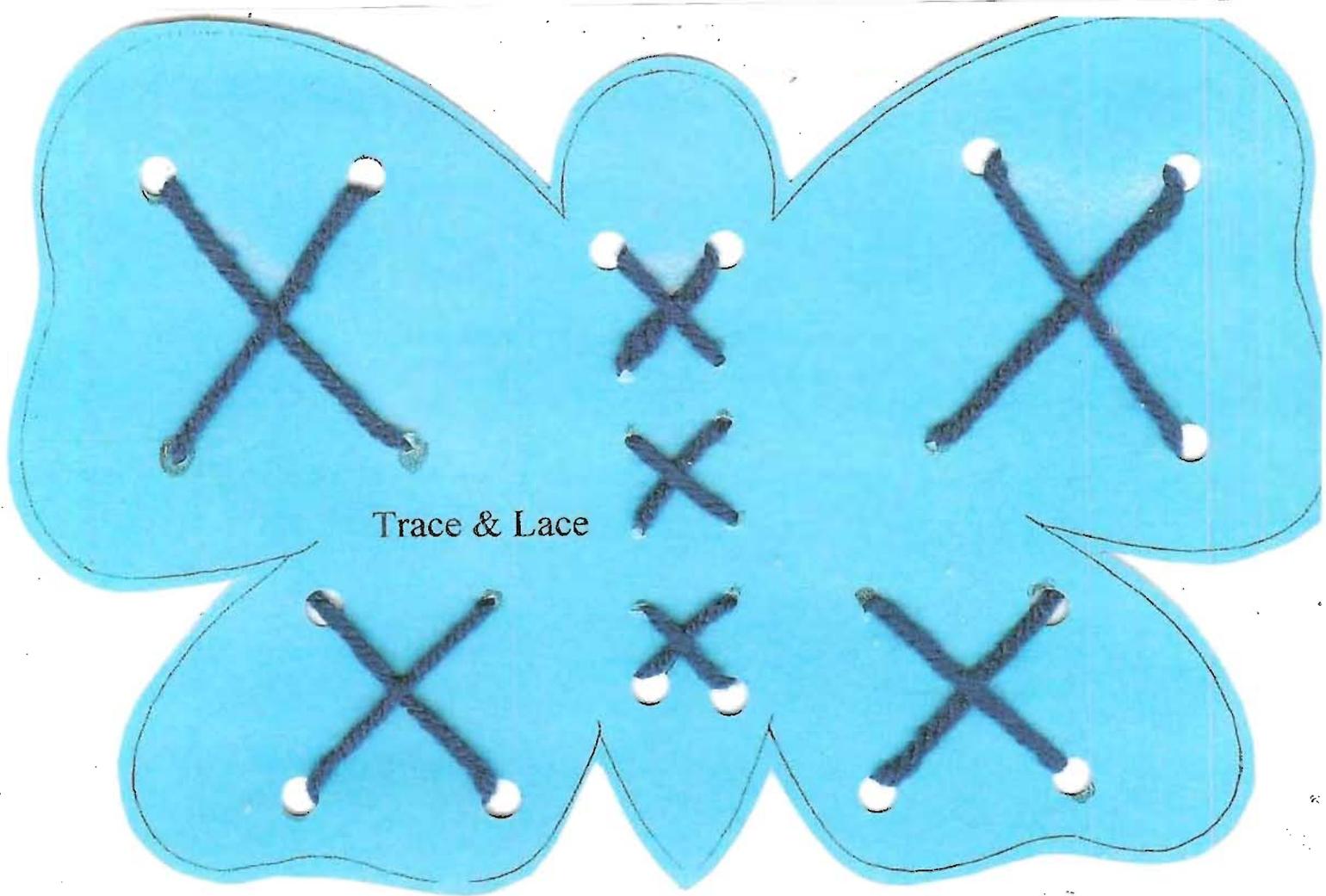
Butterflies come in all different sizes.
Cut, sort and glue them to the correct small, medium & large
boxes.



small

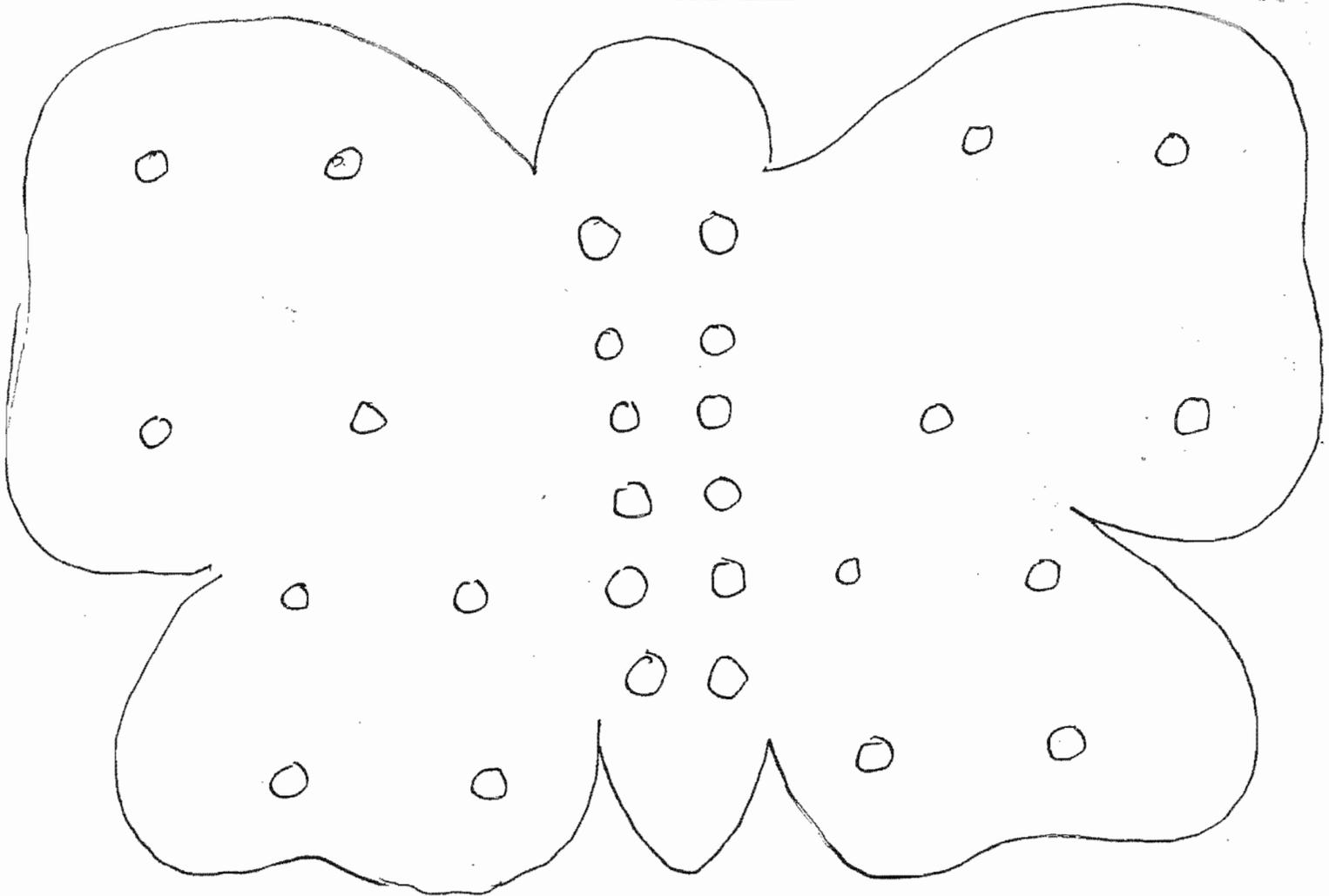
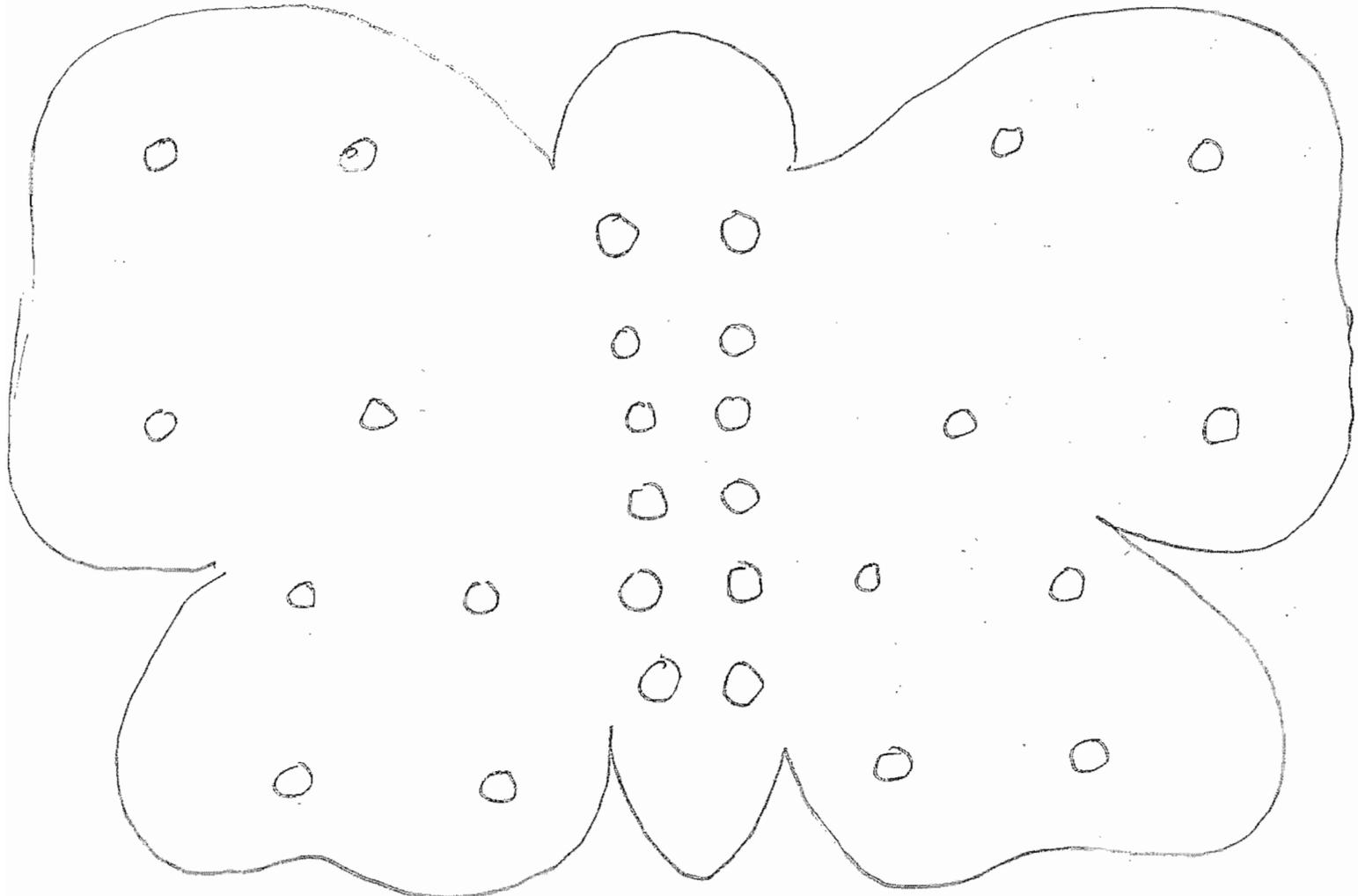
medium

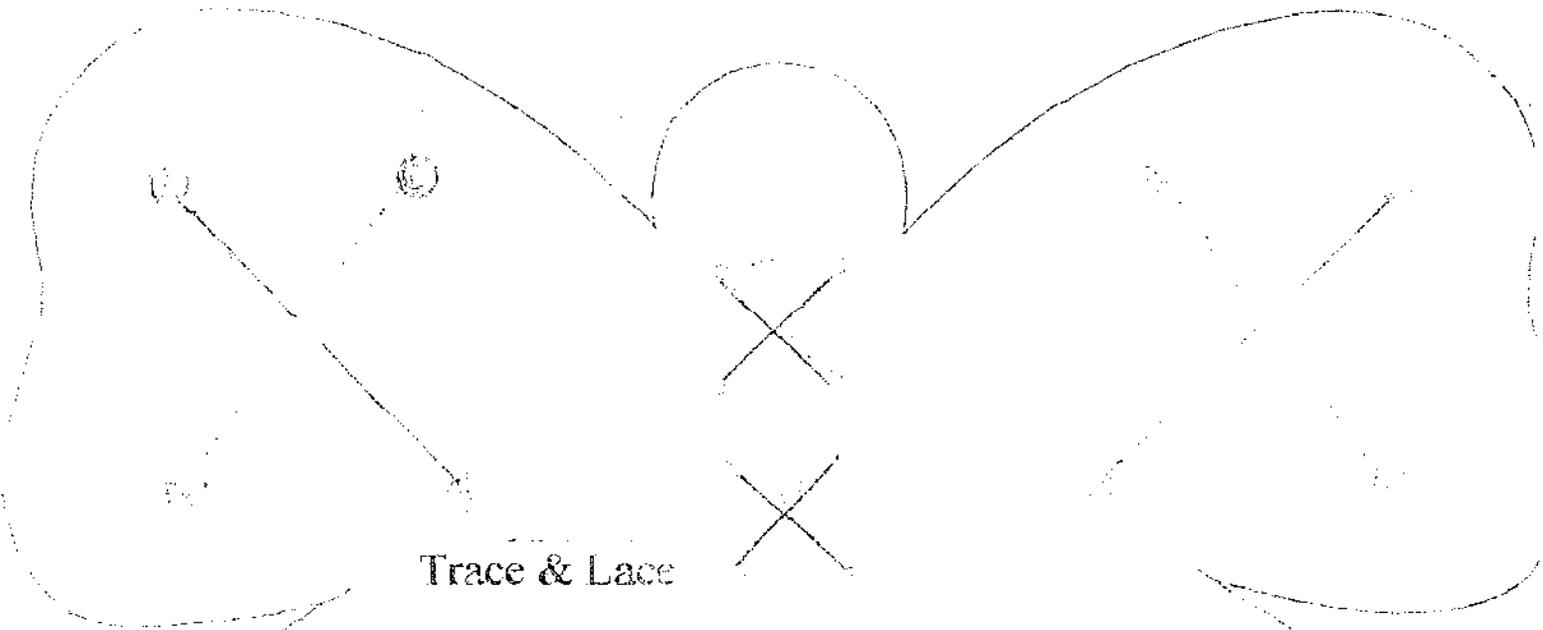
large



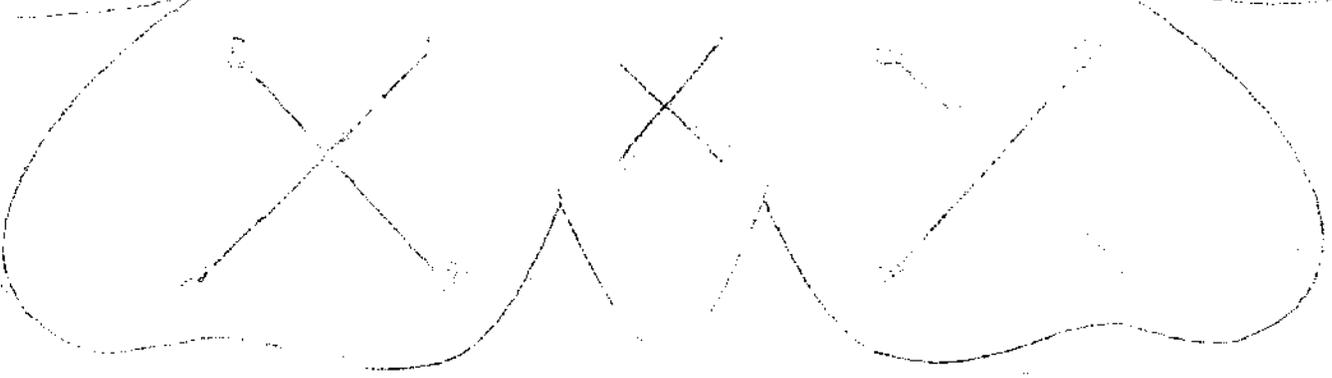
Trace & Lace:

- Run off copies of the butterfly on white cardstock.
- Using a Yellow Highlighter, children TRACE the outline of the butterfly as well as the X's.
- Children punch holes on the tips of the X's. (This could be pre-punched for younger children.)
- Children thread a plastic needle with 24 inches of colored yarn.
- Put a piece of tape on the back, to hold the end in place.
- Children follow the pattern and X the designs with their yarn.
- When completed, snip and put a piece of tape on the end.
- You can also make a heavy cardboard - laminated set of various colored butterflies, and forego the tracing portion. Have children just practice lacing.
- For my class set I cut out the shape of the butterfly.
- Tip: Tie a bead on one end and a plastic needle on the other. When children are done lacing, they have to unlace their butterfly.

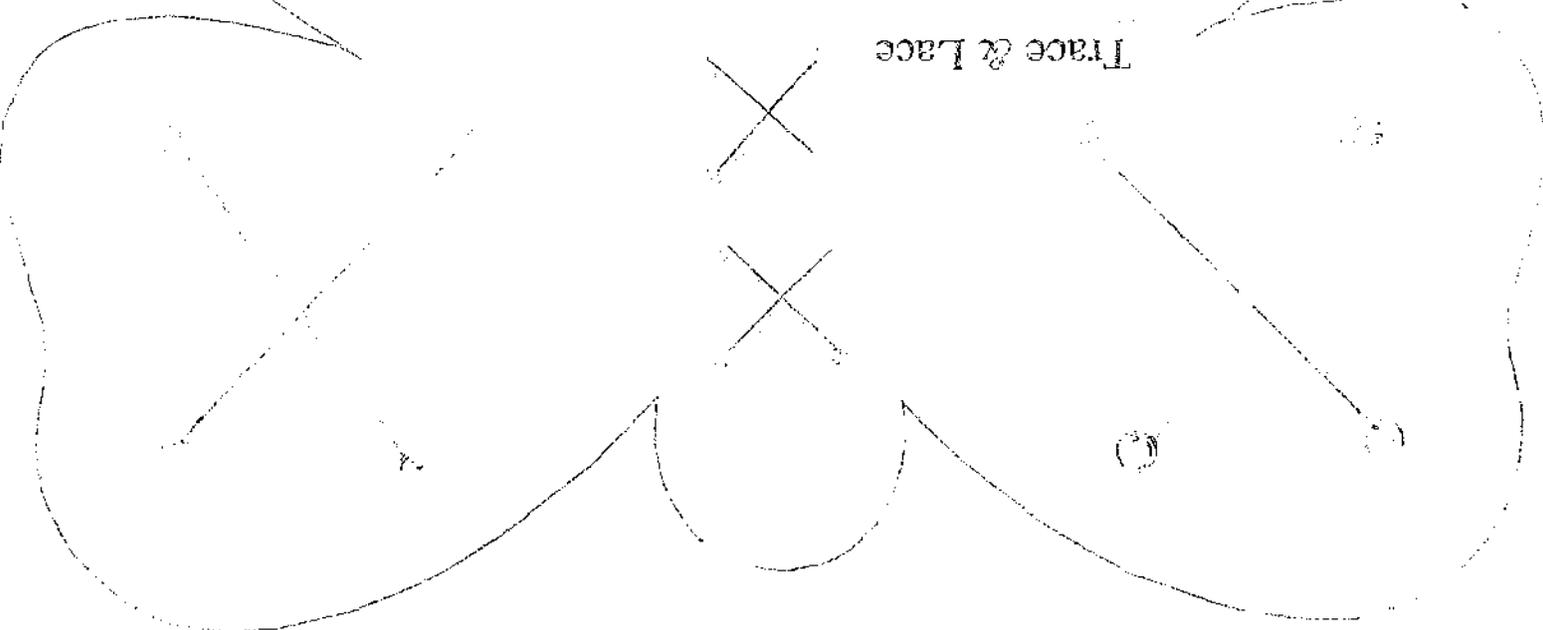


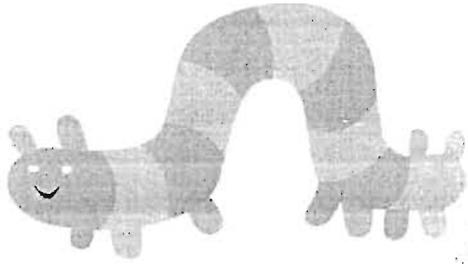


Trace & Lace



Trace & Lace



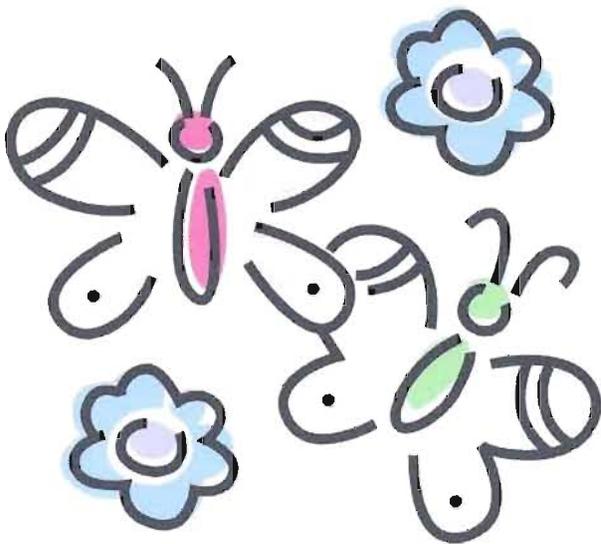


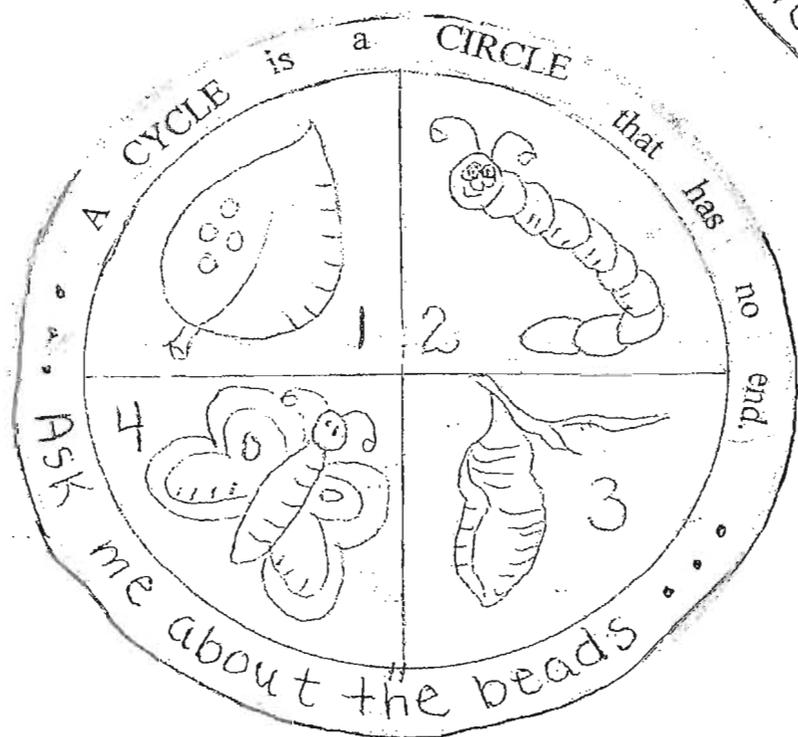
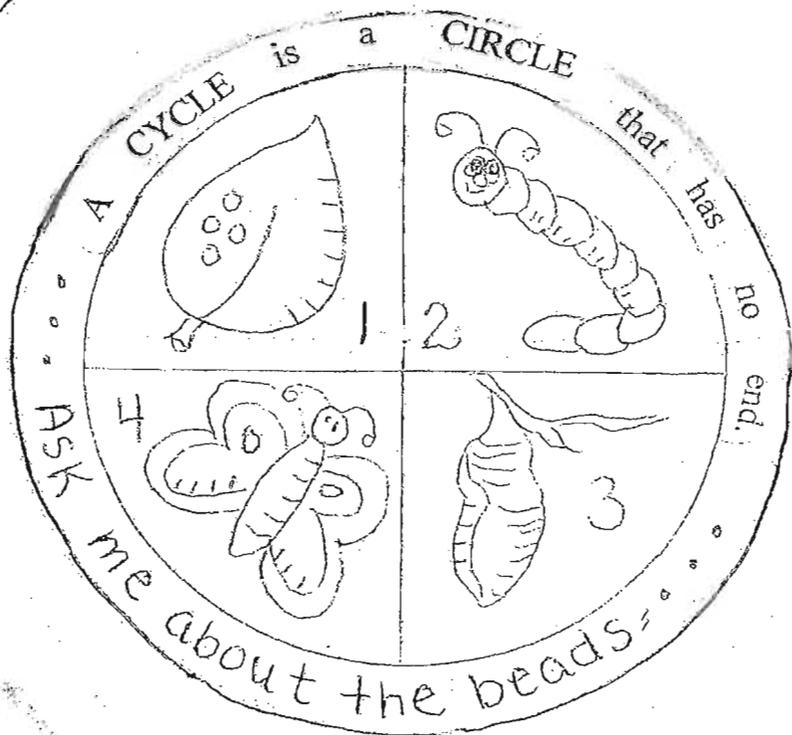
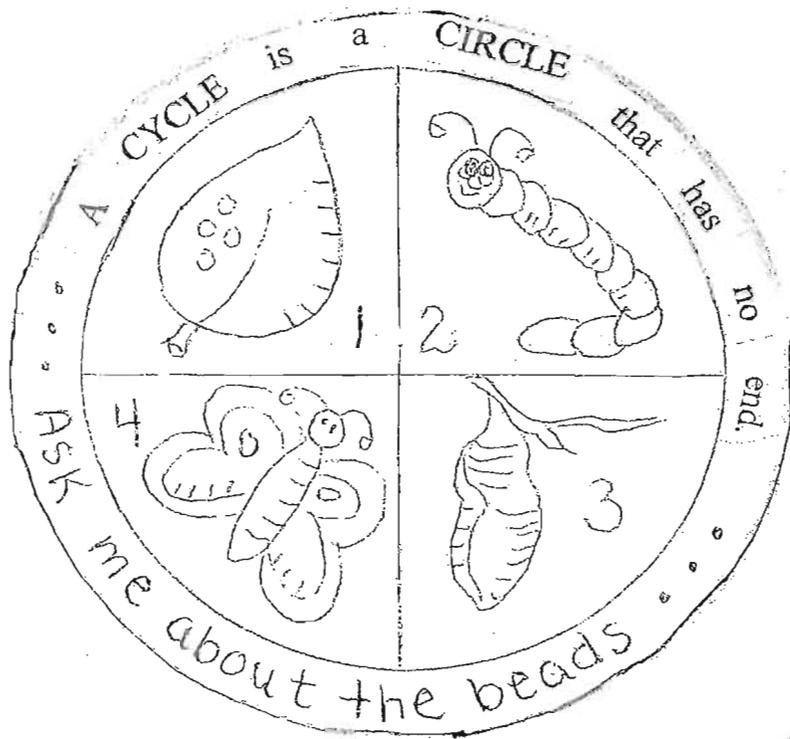
Stamp a group/set of

_____.

Pipe cleaner Life Cycle Bracelet

- This is a quick, easy and inexpensive center.
- Children get a colored pipe cleaner and following the life-cycle of a butterfly sequence, children thread the appropriate beads on their pipe cleaner.
- Children start with a butterfly bead, then a white egg, then 3 pony beads of the same color of their choice for the caterpillar and finally two black or brown beads to represent the chrysalis.
- Help them wrap it around a can to make a circle.
- Help them twist the ends so that it can slide on and off their wrist, but not easily, so it won't fall off.
- Fold the ends around so the child is not poked. Older students can do this on their own.
- Remind the children that a cycle is a circle that has no end, just like their bracelet.
- Children explain the life cycle to you with their bracelet and then share it with their families when they get home.





Rainbow Petal Coffee Filter Flowers With 3-D Butterfly +Proboscis

Materials:

- Papers from the watercolor coffee filter project
- Rainbow-colored + White construction paper. I chose lime green for the petal's green color.
- Glue sticks
- Scissors
- Hole punch
- Yarn
- Medium-Size butterfly die-cut (If you don't have one, pre-cut butterflies) + Small butterfly
- **Optional:** Small butterfly die-cut

Directions:

Prep:

- Run off masters
- Cut out die-cuts or cut out butterflies (small ones for the back, medium-sized ones for the front.) I used hot pink and lavender because they were not part of the rainbow petal colors.
- Cut ¼ inch strips of paper 5 inches long for the proboscis. I used black so that it showed up and also because that color was not yet represented.
- Trace template on top of students' watercolor papers from coffee filter project.
- I set this activity up as a center.
- I rough cut each of the colors of petals and put them in 6 piles, I put the children's watercolor papers in a pile, the proboscis circle poem is in another stack + I have baskets with the butterfly die-cuts & proboscis strips in. The scissors and glue stick tubs are also on this table.
- I thought this was enough cutting, so I used die-cuts for my butterflies. I also have access to fancy die cuts so they really added pizzazz to this piece.

The next day...

1. Students come get one of everything when they are done with their Table Top activities.

2. Children CUT out their proboscis circle poem, rainbow-colored petals, and watercolor circle.
3. Students GLUE the ends of their petals to the BACK of their watercolor circle. Demonstrate how to do this. Some of my students had a bit of difficulty going AROUND the circle.
4. Children GLUE their circle poem on top of that BACK.
5. Children ROLL their “proboscis” (I made ours black) around a crayon.
6. Students GLUE the tip to the head of their medium-sized butterfly so that the proboscis rolls **downward**.
7. Children FOLD each of the wings up and put GLUE only on the middle of the butterfly’s body.
8. **Head’s Up:** Remind students NOT to glue their wings down or their butterfly won’t be able to fly! I still had a few children who did not listen and follow directions and they glued their entire butterfly down. ☹️
9. Students stick the butterfly somewhere on the watercolor center, they carefully fix the proboscis so that it’s still rolled under their butterfly, and “fluff” the wings.
10. Children FOLD the wings of their smaller butterfly and put glue only on the middle of the butterfly’s body.
11. Students stick the butterfly somewhere on the proboscis poem’s center.
12. Children bring their flower to the teacher. She punches a hole in the top; makes a loop with a piece of yarn.
13. I hung ours from the ceiling opposite the April Showers Bring May Flowers Clouds that were done with tinsel. They look stunning because the flowers sort of match and are rainbow complimentary!
14. During our *Music and Movement* time we sing the *My Proboscis* song. I’ll put some music on the boom box and we’ll flutter around. One of my students’ favorites is *Beethoven’s Flight of the Bumble Bees!* We simply have a flight of the butterflies!
15. We usually have a juice bag or box during snack time so we’re sipping through straws so we also pretend to be butterflies sipping **nectar** with our proboscis!

My Proboscis

By Diane L. Henderson

To the tune of *London Bridges*

Sipping nectar from a flower

From a flower

From a flower

Sipping nectar from a flower

With my proboscis.

It's a straw-like hollow tongue

Hollow tongue

Hollow tongue

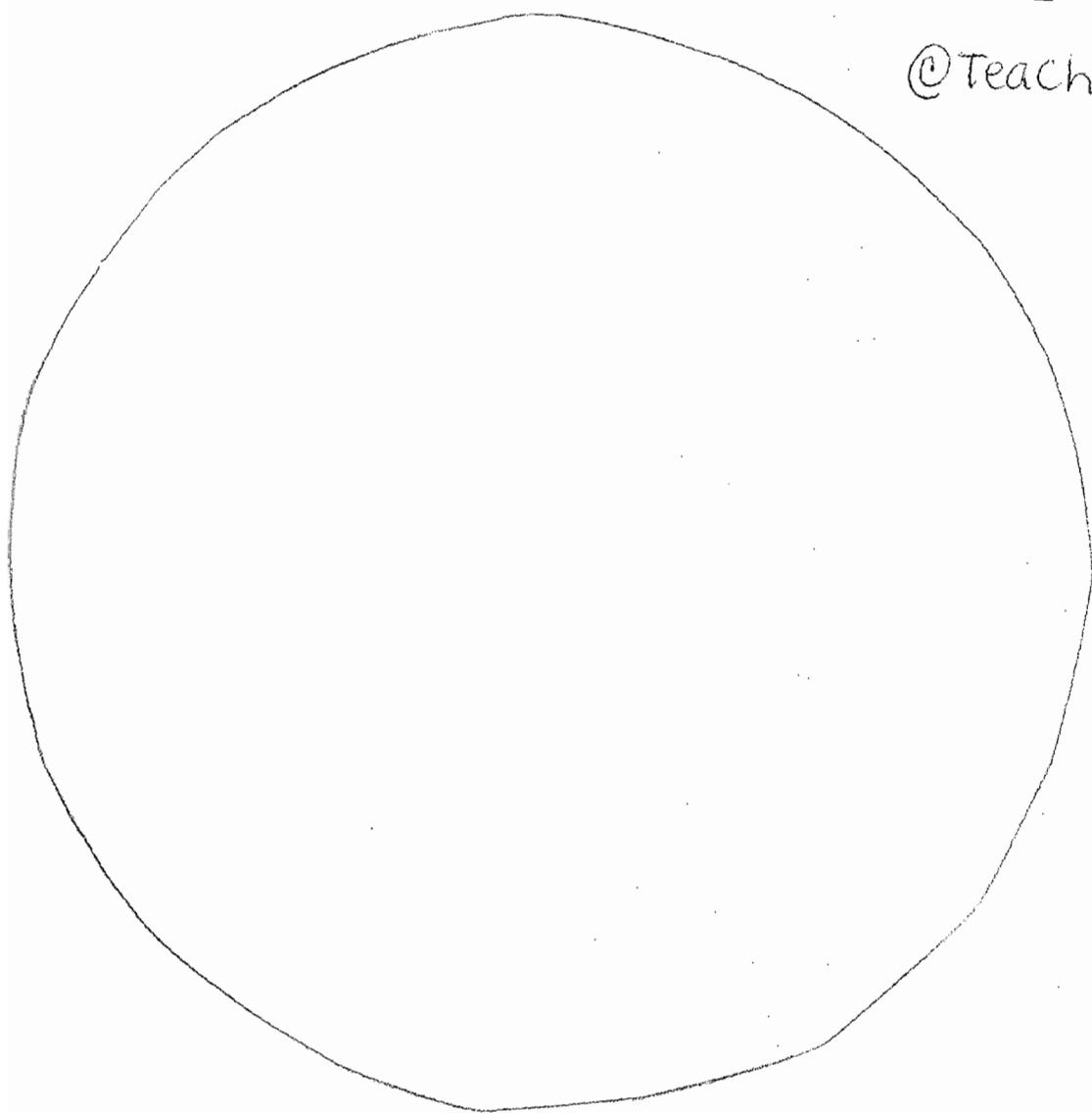
It's a straw-like hollow tongue

My proboscis.

©TeachWithMe.com

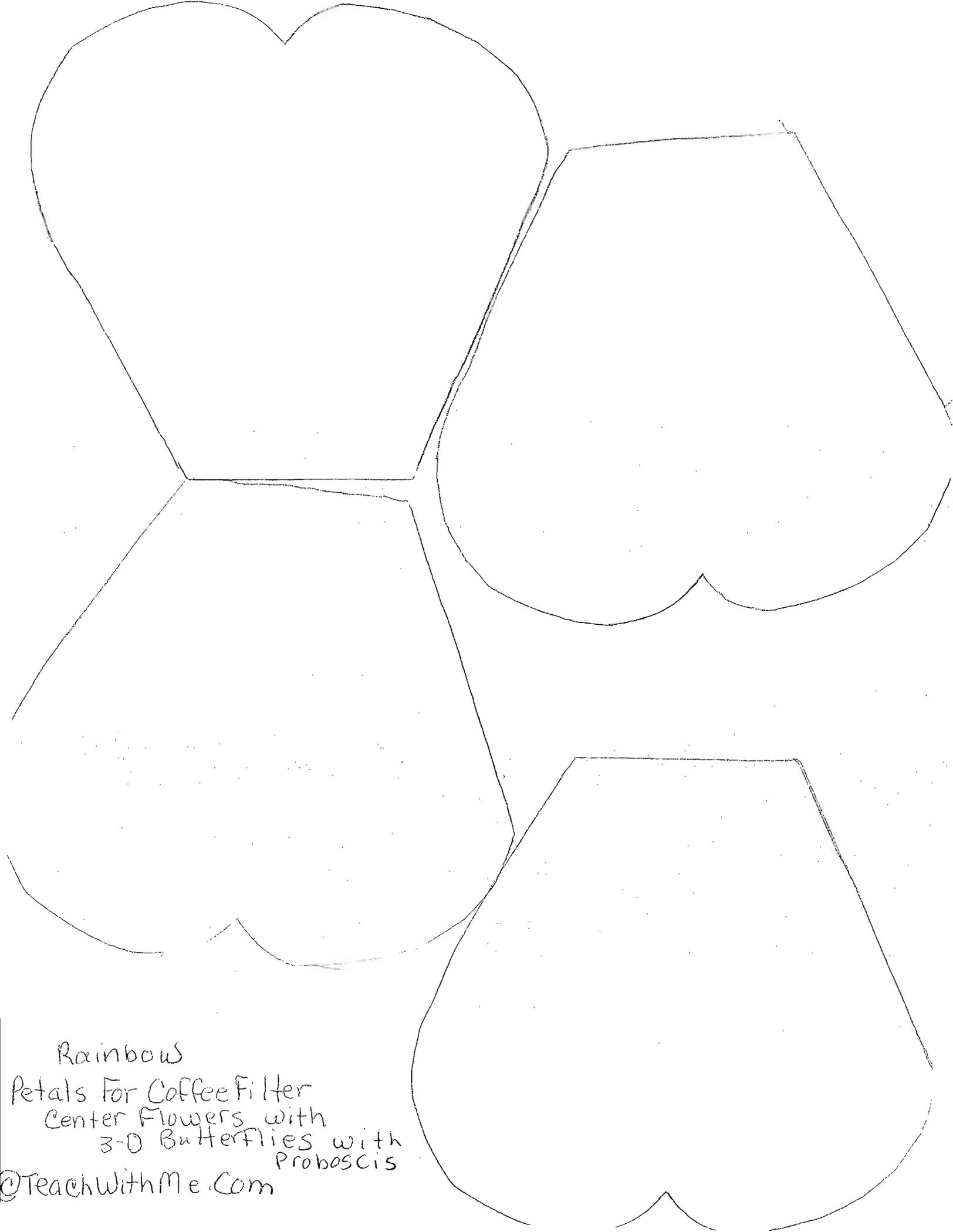
Rainbow Petal Coffee Filter Flowers with 3-D Butterfly + Proboscis Craft

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Center Circle Template
to trace on paper that
coffee filter was painted
on.

Butterfly Proboscis Flower



Rainbow
Petals For Coffee Filter
Center Flowers with
3-D Butterflies with
Proboscis

Butterfly Life-Cycle Necklaces

Materials:

- White construction paper
- A variety of colored Pony Beads
- Colored straws
- Curling Ribbon
- Scissors
- Crayons
- Several Hole punches
- Dixie Cups or other containers for students to use to put their beads and straws in.

Directions:

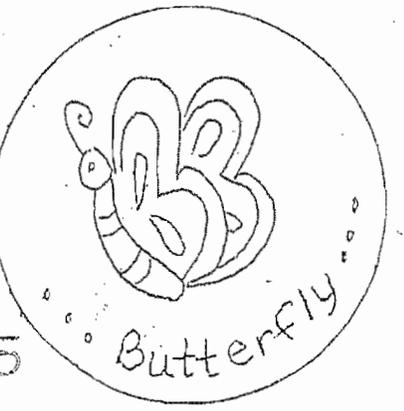
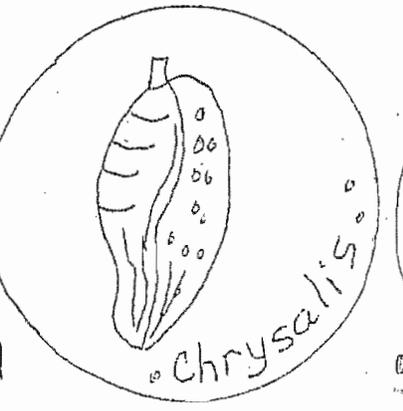
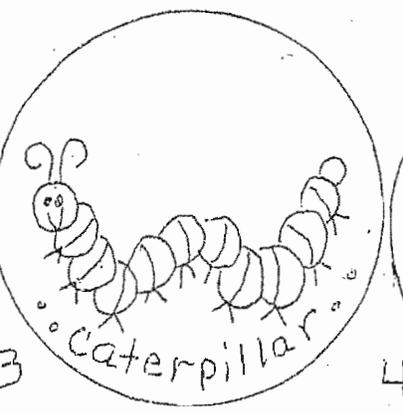
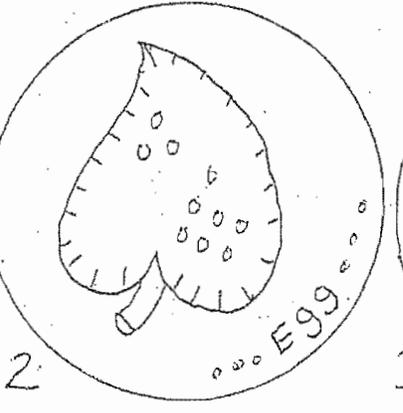
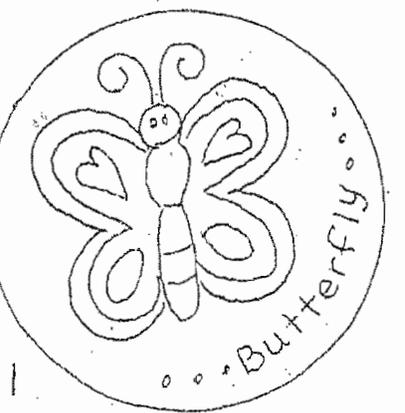
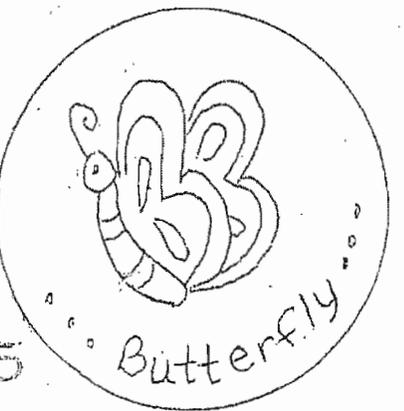
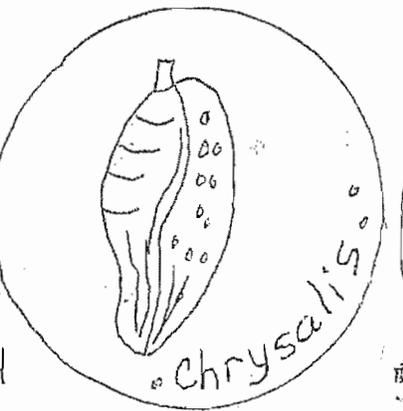
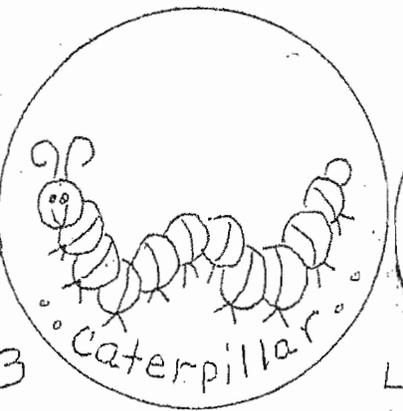
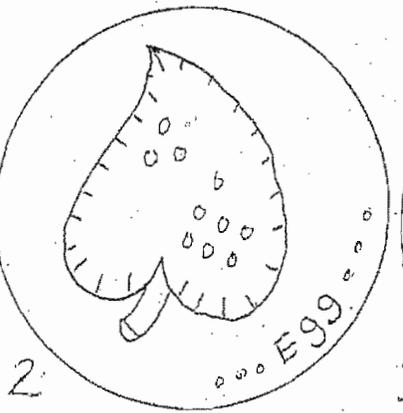
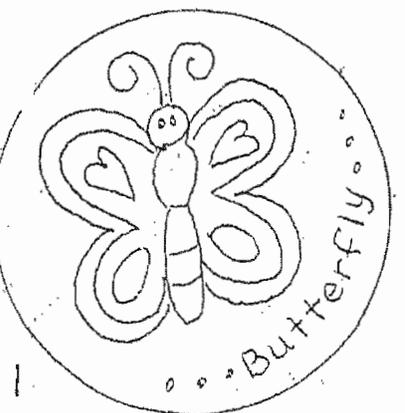
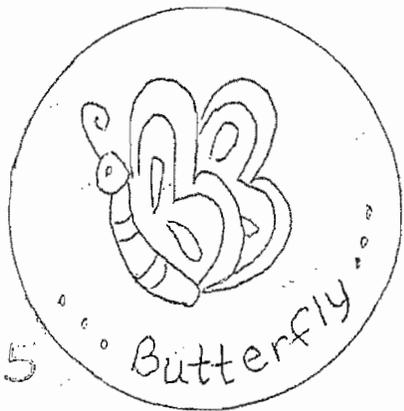
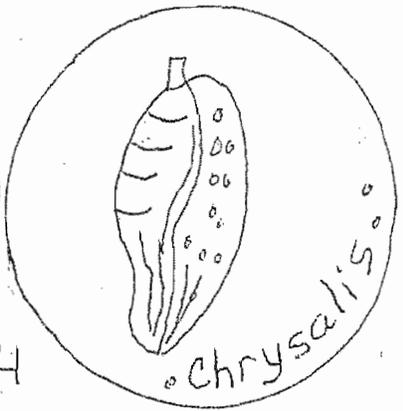
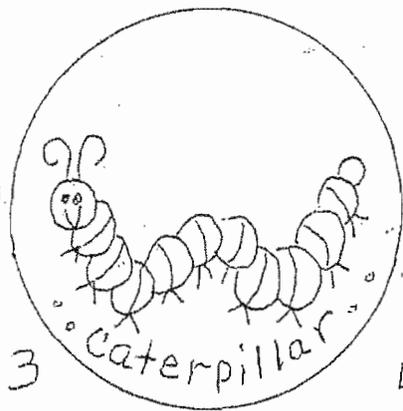
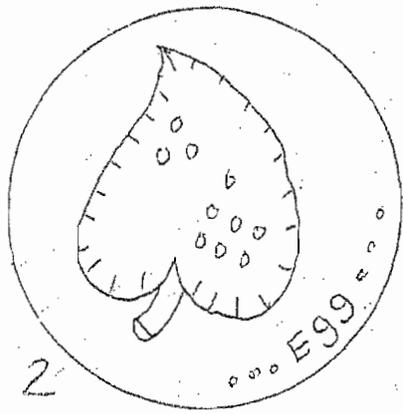
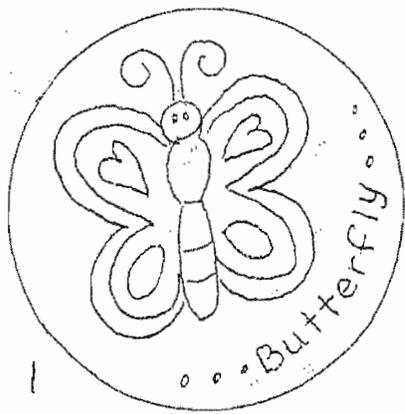
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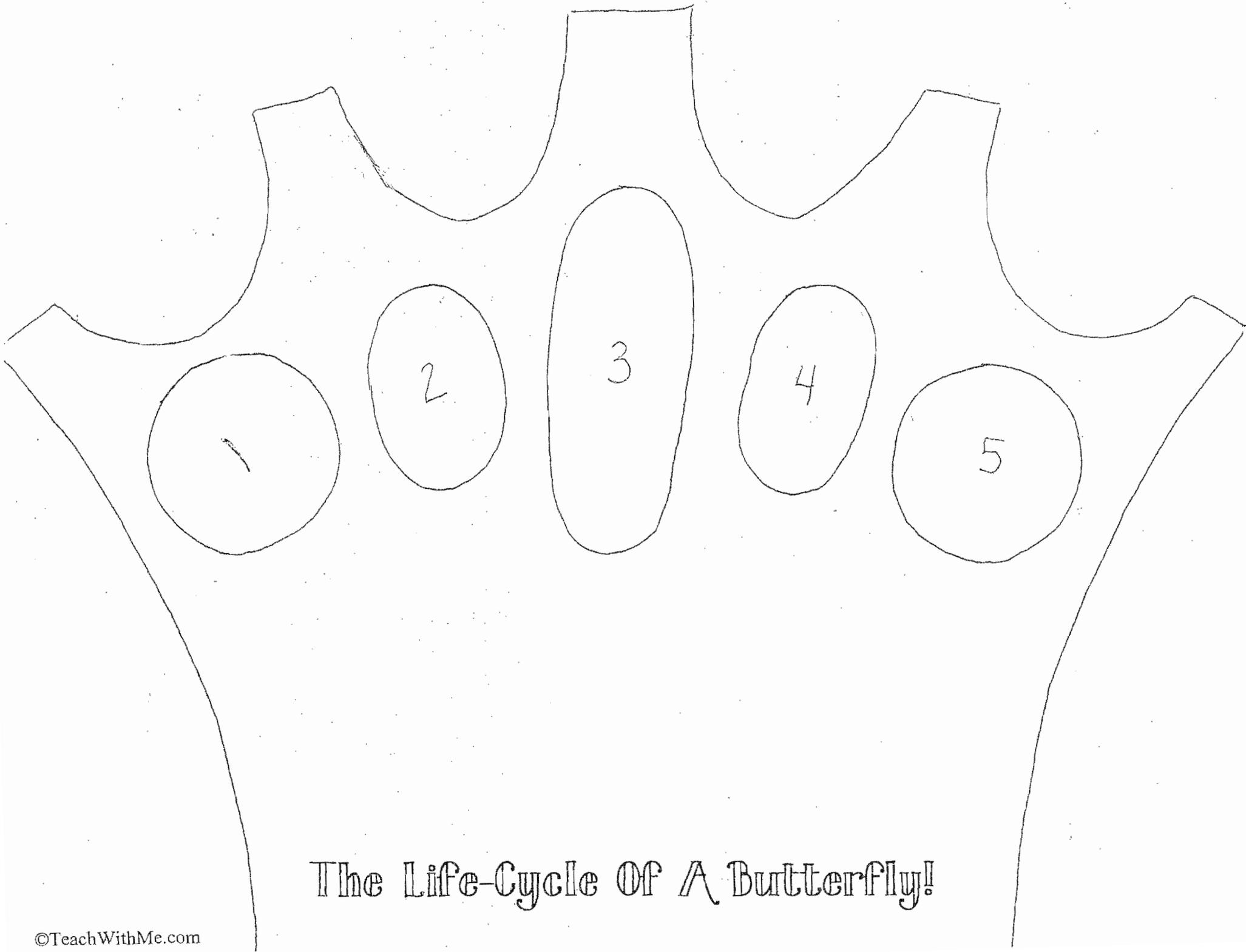
- Cut lengths of curling ribbon. One for each of your students.
- I like to make mine 28 inches long.
- I snip the end on an angle so that it's easy for them to thread the bead through.
- I make this a Center Activity and lay out everything on a table.
- Set out the pony beads in a tub or bowl.
- I set Dixie cups on the table for them to choose 5 of their own same-color beads in + 5 same-color straws in.
- Run off the master and cut into strips. 1 per student.
- Cut straws into one inch pieces and put in a tub. Students will choose 5 same color pieces and put them in the Dixie cup above.

The next day:

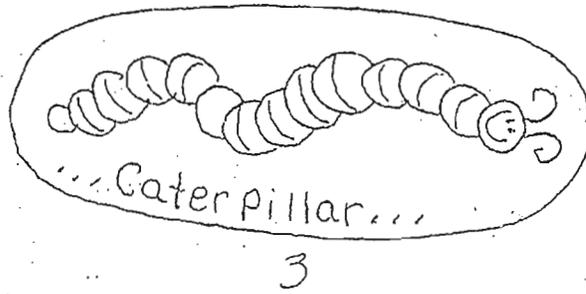
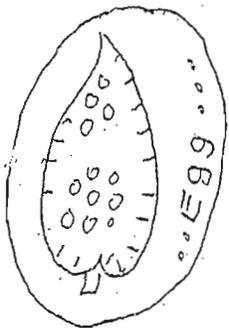
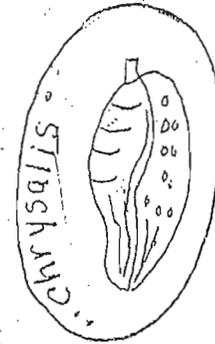
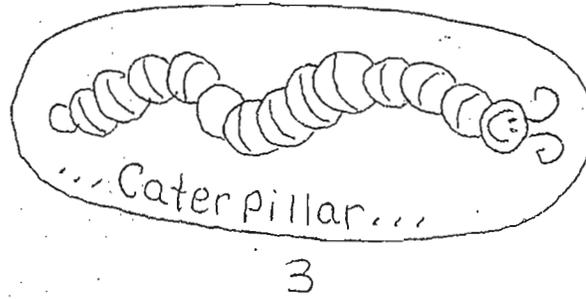
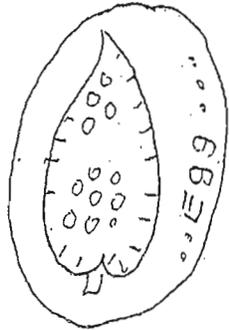
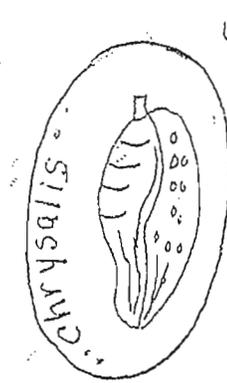
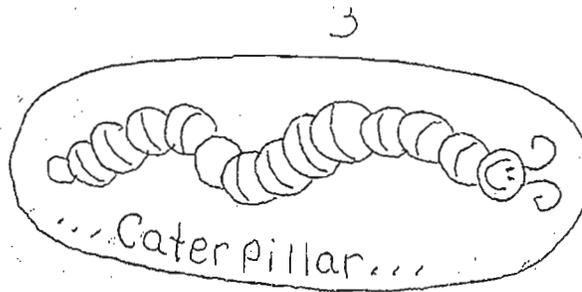
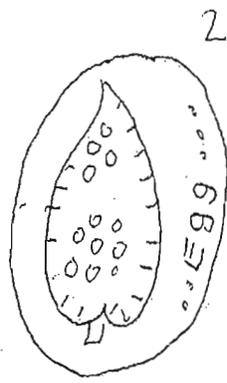
1. I show students my finished sample and the Center Table.
2. I remind them to keep the center neat and to take care of the Dixie Cup so that we can recycle them.
3. I remind them that their beads must be ONE color and that their straws must be ONE color. Beads and straws must be DIFFERENT colors.
4. We discuss **contrast**. I let them know that the purpose of this is that their necklace will then be an ABC pattern.
5. I also remind them that I want "best effort" when coloring.

6. When children complete their Table Top activities they go to this Center Activity.
7. Students COLOR their life-cycle paper "beads".
8. Children CUT them out trying to stay on the black lines so that they look like a CIRCLE. (I've already reminded them of this!)
9. You can have your students use the hole punch and punch their own holes if they can. Most of my Y5's have a hard time with this, so I have my students bring me their circles and I punch them for them.
10. **Head's Up:** Remind students to punch at the TOP and not on the sides. Some of my students punched willy nilly so the beads hung wrong. Oh well.
11. **Head's Up:** I tell my students to keep their paper beads stacked in sequential order. Have them check to make sure before they string their paper bead on, so that it's the one that comes next.
12. **Head's Up:** Remind students to make sure all of their pieces are facing LEFT. Some of my little ones had some of their pieces facing backwards so you couldn't see all of them when they put their necklaces on.
13. When students have all of their pieces together, have them raise their hand. Teacher goes to them and ties it around their neck.
14. I put both ends together and loop them into one knot. They stay tight this way, and grow tighter as a child yanks on them. 😊
15. I remind my students to stay seated and be patient. It's inevitable, but I'll have a few bouncing out of their seats, with beads and straws spilling all over the floor because there was no end bead. I of course reminded them of this. If you do want your students coming to you, have them hold both ends. I've found even that doesn't work well with a 5-year-old.





The Life-Cycle Of A Butterfly!



The Life Cycle Of A Butterfly Crown

Materials:

- Yellow Construction Paper
- Stapler
- Scissors
- Glue Sticks
- Optional: Eraser-Size Flat-backed Jewels & glue dots

Directions:

Prep:

- Run off masters
- Using extra large yellow construction paper, cut 3 inch wide strips for head bands. Two for each student. Staple two together.

The next day...

1. Students CUT out their crown
2. Children COLOR their life-cycle “jewels”.
3. I tell my students that if they give their “best effort” they can pick out 3 “real” jewels for the top of their crown. I really think that the little pretend jewels give their crowns that extra bit of pizzazz and it truly does get them to color better. They get pretty excited oohing and aahing over my bag of jewels. You’d think they really were diamonds and rubies! ☺
4. Students CUT out the paper jewel life-cycle pieces and GLUE them to the matching numbered shapes on their crowns.
5. Head’s Up: Remind them that #'s 1 and 5 and 2 and 3 are shaped the same and that they need to stay sharp and not mix them up!
6. Students bring their crown to you when they’ve completed the above tasks.
7. Teacher staples a paper strip to the back of their crown, measures their head and then staples it on.
8. Tip: I make sure the pokey part of the staple is on the outside so that it does not scratch their forehead or get girl’s long hair caught in it. ☺
9. If you are rewarding them with “jewels” let them choose 1 for the middle or 3 for the middle 3 points or 5 if you’re really generous, for all 5 points.
10. Help them place glue dots on the spots, press down hard and wahlah (!) instant sparkle. ☺
11. After everyone is done, I put on some marching music and we march around in a life-cycle coronation parade.
12. Most of my students enjoy their crowns so much that they wear them all day.

Sarah Hannah The Secret Hiding Butterfly!

Materials:

- toilet paper rolls
- copy paper a variety of colors
- crayons
- scissors
- glue sticks
- stapler

Directions:

- In a welcome letter that I send to my students in August, as well as in my Student Handbook, I list things I need families to save. Toilet Paper rolls is one of them. I have empty garbage cans in a closet at school that I save them in when the children bring them in through out the school year. Unless they are white ones, at some point, via a newsletter, I let parents know I have enough.
- Run off masters.
- I demonstrate how to make a butterfly, having them pay close attention on how I put glue on the thorax/abdomen parts of the body and then position it carefully on the t.p. roll.
- I set up a variety of colored butterflies for them to choose from (about a dozen) on a long table, along with a basket of t.p. rolls, the life cycle strips for the proboscis (already pre-cut) and 2 piles of the master of the sequencing number book. Children come get one of everything including a scissors and a glue stick and go back to their desk to complete the project.
- Children CUT out their butterfly.
- Students COLOR their butterfly.
- Lay the butterfly face down. Children rub glue on the thorax/abdomen part of the butterfly, but NOT the head. Carefully place the toilet paper tube on top of the glue so that it is straight. Pick up the butterfly and rub your fingers across the paper so that it sticks.
- So that it flaps better, help your students FOLD each wing on either side of the t.p. tube.
- Children COLOR their proboscis life-cycle strip.
- Students ROLL their strip on a crayon so that the life cycle is hidden.

- Starting where the WRITING is, children put glue on the END of the strip and GLUE it to the inside-bottom of the t.p. roll.
- **Head's Up:** Remind Students of WHERE this is glued, and HOW to roll it. Some of them glued it on the outside of the t.p. roll, and rolled the strip with the plain part hidden.
- Students TRACE the numbers on their sequencing pages.
- Children CUT their pages and put them in the correct order.
- Students raise their hand to have their sequencing checked (I'm assessing this skill at this time and able to help children one-on-one). Teacher staples the book in the top left hand corner.
- Students WRITE their name on the back of the booklet.
- Children ROLL their booklet and tuck it inside the end of the t.p. roll "hiding" it in their "secret" place in Sarah Hannah.
- When done, I have my students clean up their work station leaving their butterfly at the table. They transition to a Tummy Tubby Time activity.
- When everyone is done they get their butterfly and we sit on our Circle of Friends Carpet. We gently pull out the proboscis and review that vocabulary word as well as the rest of the parts of the body of the butterfly. We re-curl the proboscis and tuck it inside the t.p. tube.
- We then take out our sequencing number book and review numbers in English and Spanish and "Blast Off" with their butterfly from 10-0, then count by 10's to 100 looking at our books answering the question of what number would we have to add (0) to the numbers to make them ten's and 100. The children then roll their booklets back up and tuck them away.
- We use the butterfly for some quick **spatial directions** (my butterfly is flying ABOVE me, behind, between etc. as well as using our butterfly to **identify body parts**. (My butterfly is sitting on my **thigh**, my **wrist**, **forehead**, **chest**, **shoulder** etc.) and then finish with the **Butterfly Pokey** and end with the children "flying" to their lockers to secretly hide Sarah Hannah in their backpack.

Butterfly Pokey

You put your butterfly up

You put your butterfly down

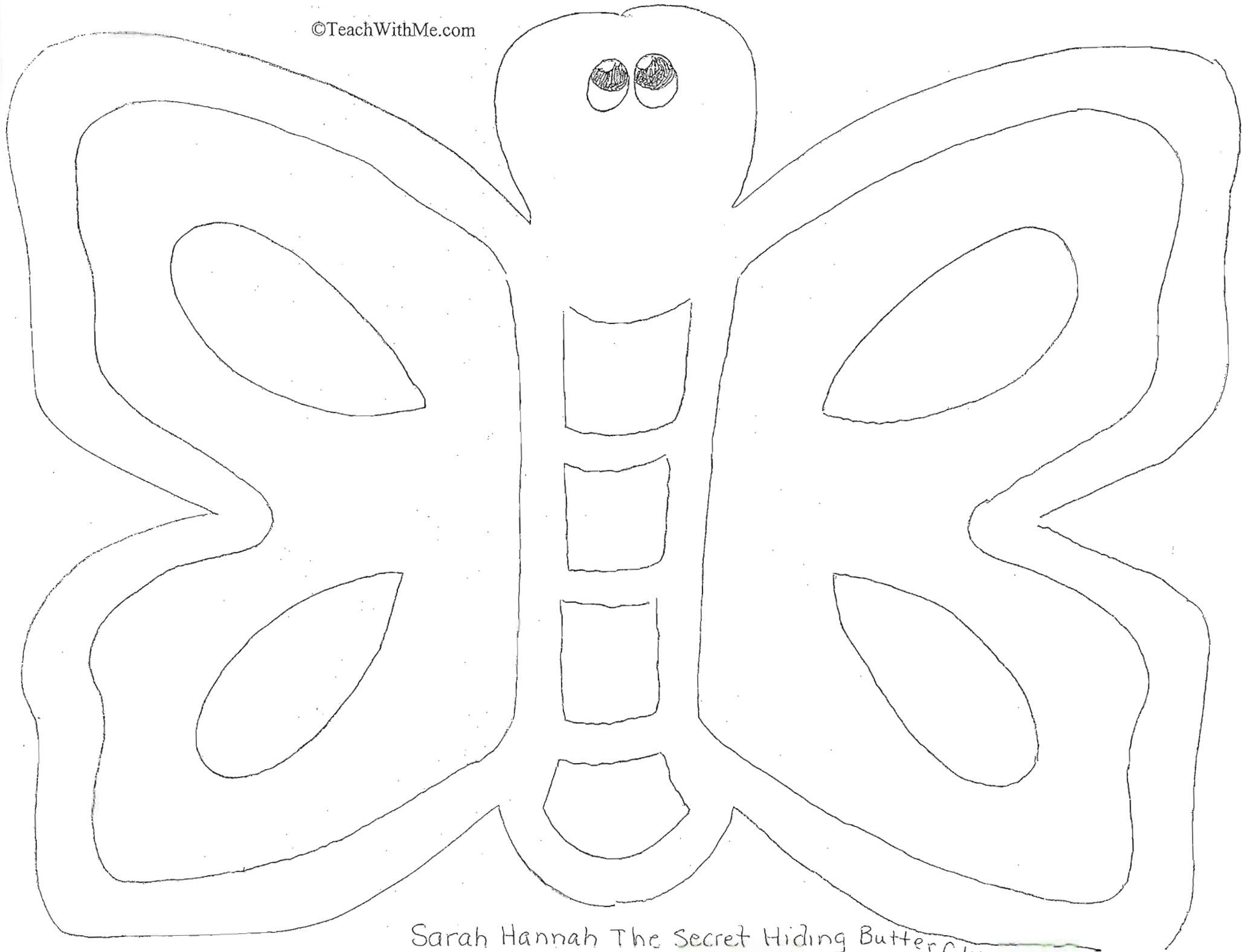
You put your butterfly up and it flutters all around

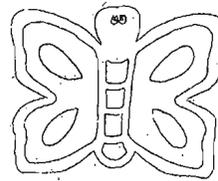
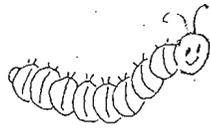
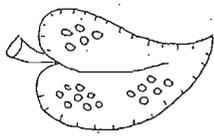
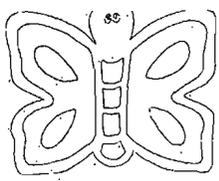
You do the Butterfly Pokey and you fly all around

That's what it's all about.

You put your butterfly to the left
You put your butterfly to the right
You put your butterfly to the left
Then you hide him out of sight
You do the Butterfly Pokey an you fly all around
That's what it's all about.
You put your butterfly out
You put your in
You put your butterfly out
Then you flutter him all about.
That's what it's all about.
You do the Butterfly Pokey
You do the Butterfly Pokey
You do the Butterfly Pokey
That's what it's all about.

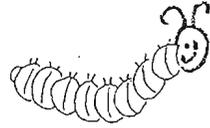
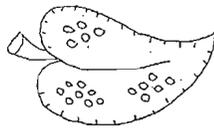
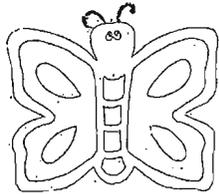
- *The children are hanging on to Sarah Hannah by the t.p. roll and moving it up and down so that her wings are flapping.*
- *My students really enjoyed making these butterflies and couldn't wait to take them home to share with their families.*
- *Even when they were able to go to Tummy Tubby Time, many of them opted to just flit & fly around the room with their butterfly, so I put some music on to make it even more fun.*





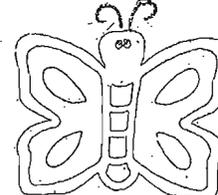
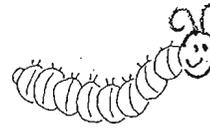
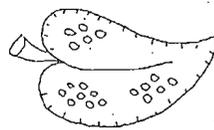
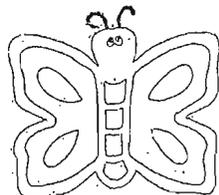
The Life Cycle Of A Butterfly

Butterfly Eggs Caterpillar Chrysalis Metamorphosis Butterfly



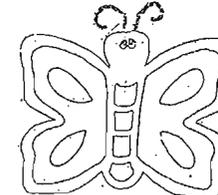
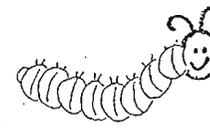
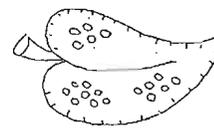
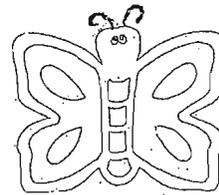
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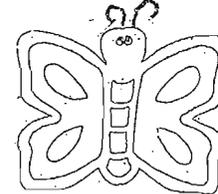
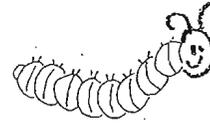
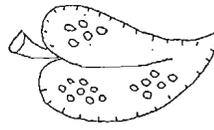
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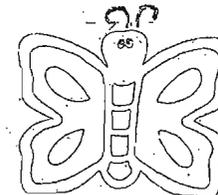
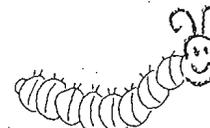
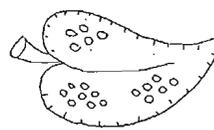
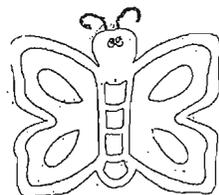
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The Life Cycle Of A Butterfly

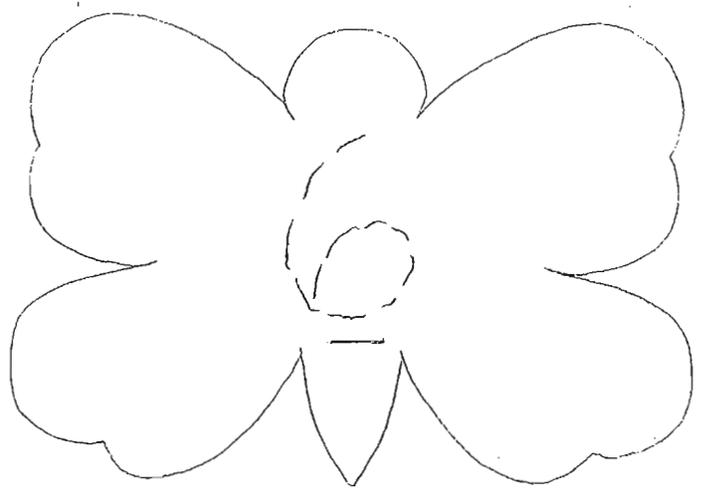
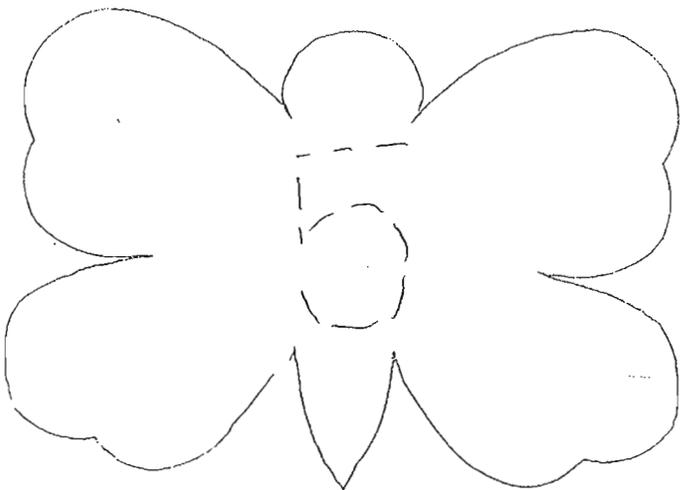
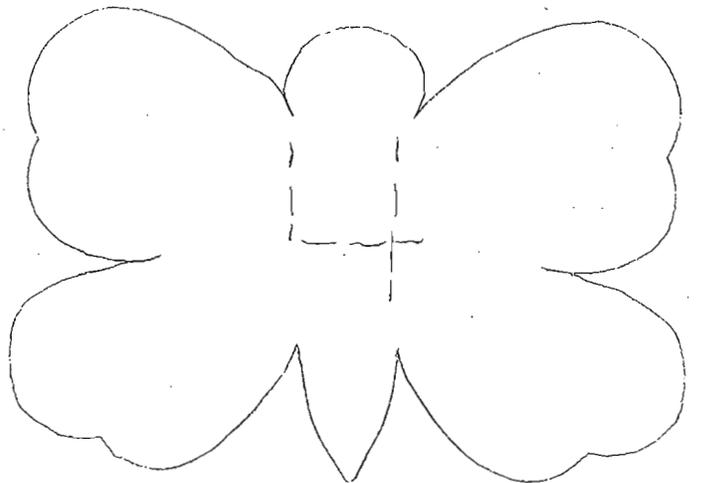
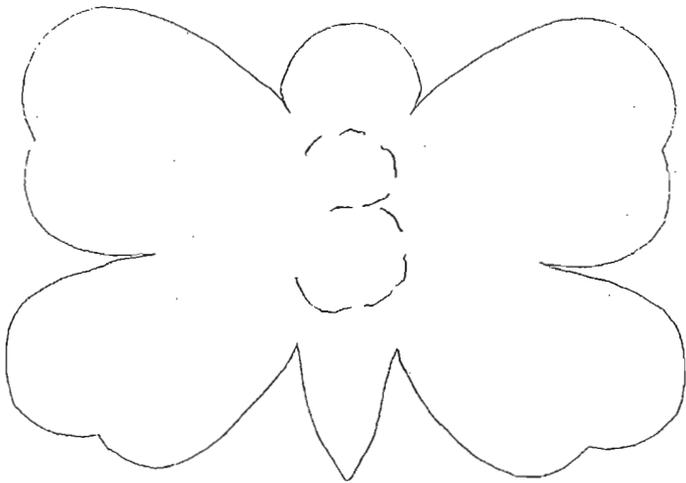
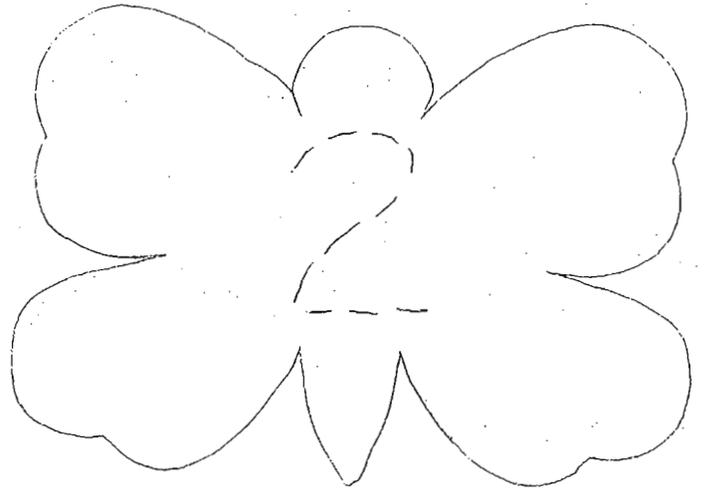
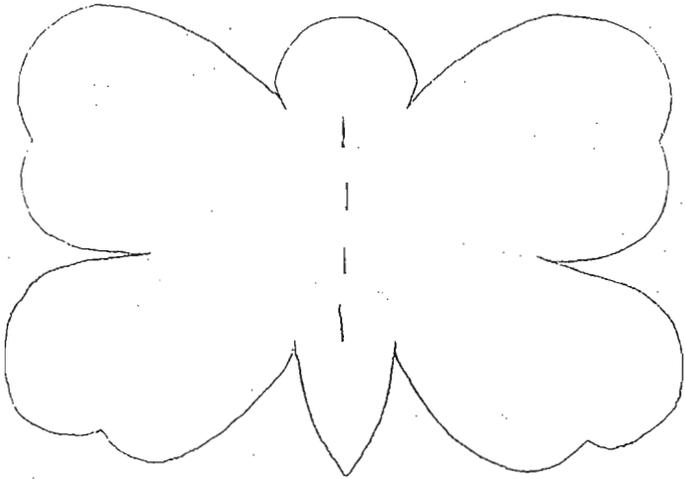
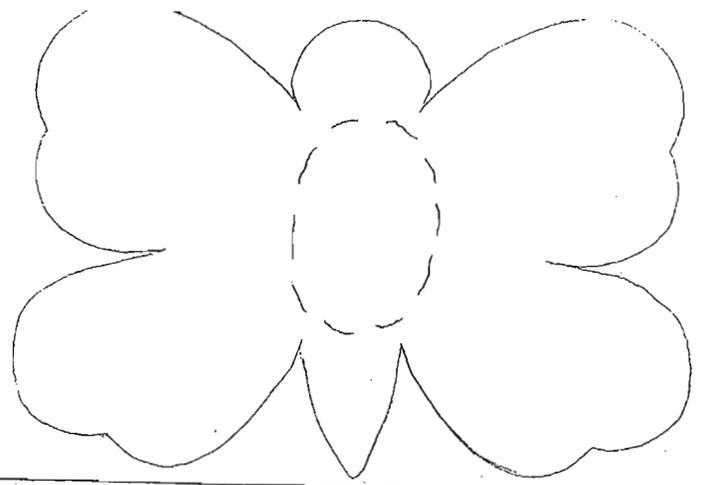
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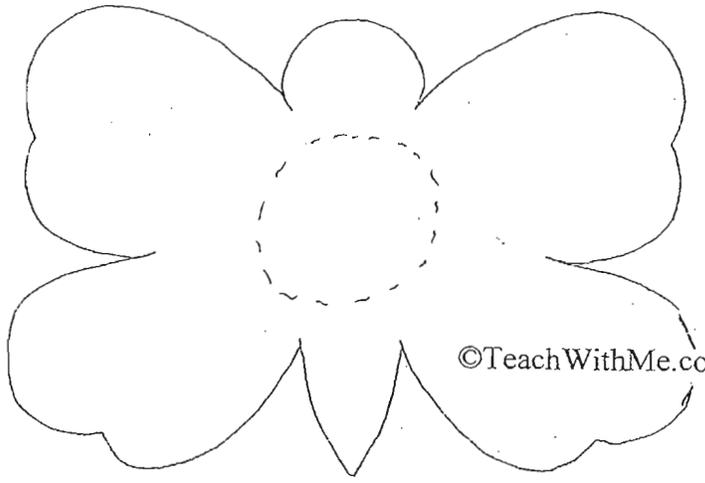
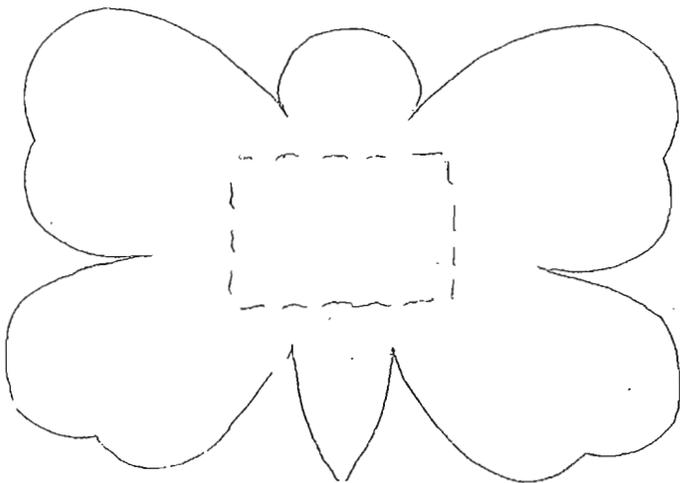
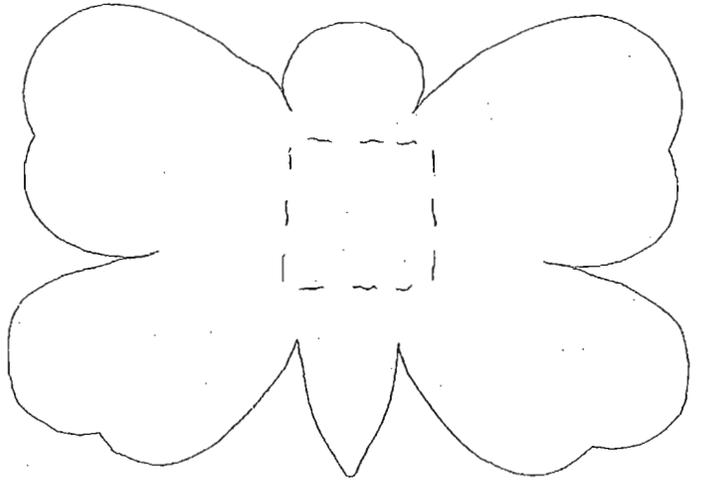
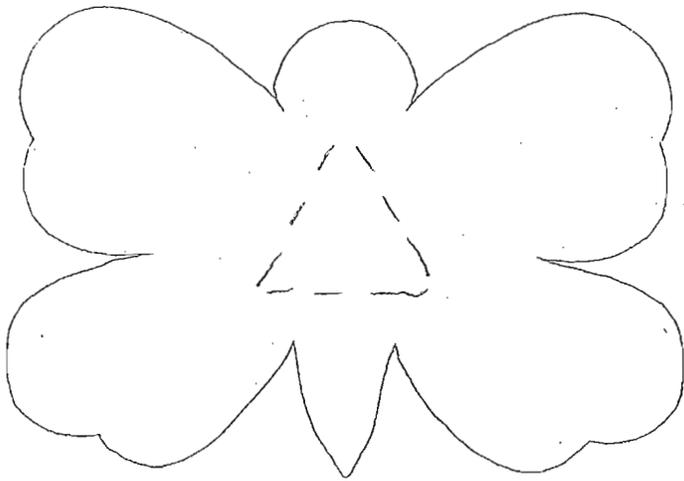
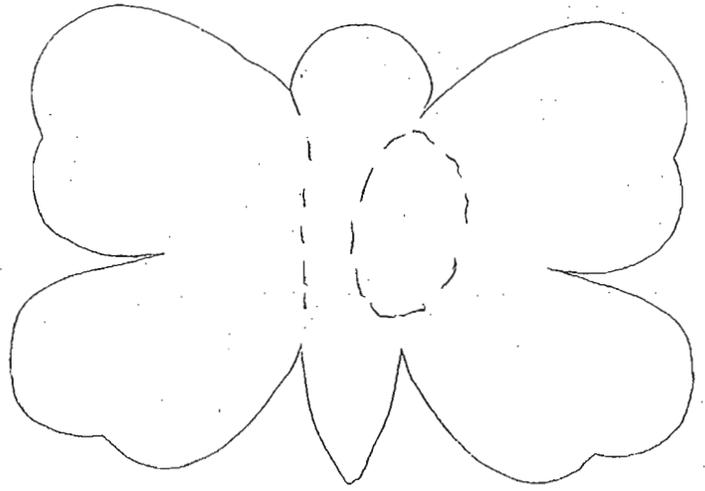
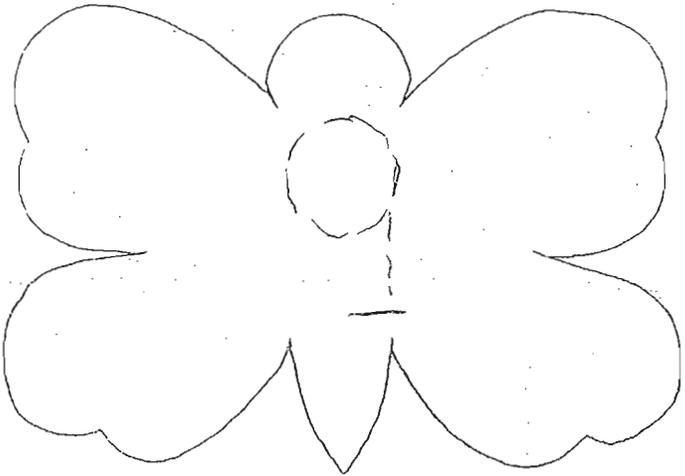
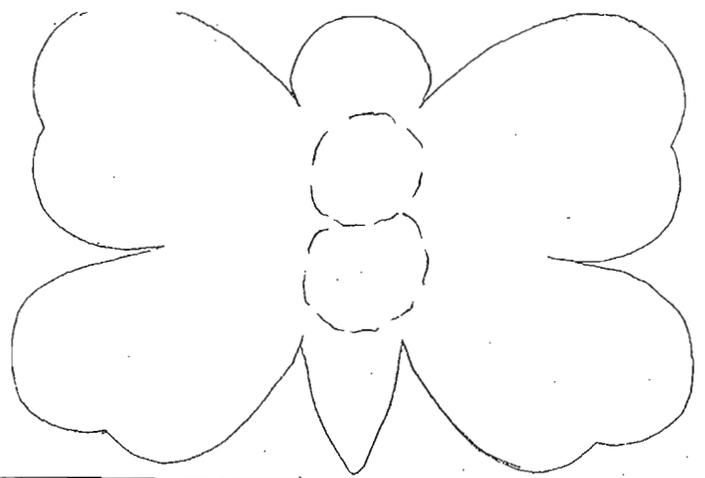
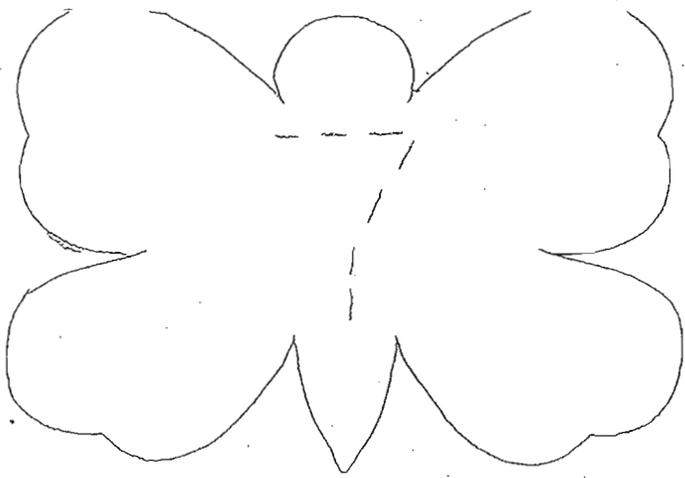


The Life Cycle Of A Butterfly

Butterfly Eggs Caterpillar Chrysalis Metamorphosis Butterfly

My Butterfly
Sequencing
Cards





Butterfly File Folder Fact Research Activity

Back Ground:

- As part of all of our programs we are asked to do some sort of research and learn about something. We do that each quarter.
- For our last quarter we do an extensive study of butterflies.
- We make a KWL on the board of What we know, and what we'd like to Learn.
- We visit the library and go through non-fiction books. I have quite a collection of my own that the children also peruse.
- I also show a 12-minute video about the life-cycle of a butterfly. We then make a list of facts on the board.
- As a culmination of our study I dreamed up the File Folder Fact Activity. It's an easy way for young students to show what they learned in lieu of a research paper.
- I do this as a whole-group, listening & following direction activity. It takes about 25 minutes.

Materials:

- Manila file folders
- Manila card stock
- Green construction paper
- Tiny white pom poms (the size of a pencil eraser)
- Glue dots
- Crayons
- Small wiggle eyes
- Die-cut of a chrysalis. (If you don't have access to this, cut out chrysalises from brown paper lunch bags.)
- Glue sticks
- Multi-colored copy paper
- Masters
- Black ink pens

Directions:

Prep:

- **Run** off masters and **cut** them out.

- I pre-cut things to save time. Older students can do this if you want. I'm mainly working on listening and following spatial directions, and the butterfly's life-cycle.
- You could keep one of the shapes, possibly the "cycle is a circle" piece un-cut for students to have some cutting practice if you want. Since students cut at different paces I just felt it would be too time consuming and be too hard to do as a whole-group activity if I had children cut out pieces as we went.
- **Make** a butterfly **template** out of a file folder, **cut** it out and **trace** a class set of butterflies.
- **Cut** them out and **glue** them to the inside of a class set of file folders.
- **Write** your students' names on the tab of a folder, or have them do it.
- **Run** off and **cut** out the life-cycle pieces on beige copy paper.
- This sounds like a lot of prep-work, but it's really not. The cutting only took a few minutes for my class of 21, as I cut out 6 pieces at a time. Tracing also took several minutes and I cut out 3 butterflies at a time too. I often delegate this job to an at-home helper after I run things off and send everything home in a Take Home Bag.
- I lay a file folder at each student's seat along with a set of life-cycle words in the order in which they will glue them down in a pile to their right. On the left I lay their 2 leaves and a chrysalis.
- The colored shapes I have at a table in baskets. I pass these out as I need them. Students show me patience and self-control (report card standards) while they are waiting for pieces.

The next day...

1. I call students to their desk via their name on their file folder. I place the folders the way they need to flip open and tell students not to touch them, as you will have them getting them upside down and backwards.
2. I hold up the "File Folder Facts" piece of paper and glue mine to the top. Then show them the finished sample and have them do that.
3. I show them how to glue one of their leaves down UNDER The title and to their left. Then I show them how to rub glue on the left hand side of that leaf and place the other leaf on top and fold it over making it 3-D. I then have them do theirs.
4. I show them the EGG word and I glue mine to the right of my leaf. They do the same.
5. I put a glue dot on my leaf and press down my tiny white pom pom.
6. I pass out glue dots and pom poms and my students do the same.

7. I show my students how I want them to put the word caterpillar on a **diagonal** UNDER their leaf. I remind them how caterpillar is spelled so that they don't pick up the chrysalis word. They copy my sample.
8. I tell them to choose two color crayons to draw 6 circles (3 of each color) for their caterpillar. When they are done, they raise their hand and I will give them a large glue dot and 2 mini wiggle eyes, and a black ink pen to draw legs, a smile and antennae details.
9. In the past I've tried green bingo dot markers, but they bled through, I've also tried having the children use their finger and make prints with a stamp pad, but they got pretty wild stamping all over the place, so I opted for crayons and have been happier with the results.
10. I glue down the word chrysalis in the bottom right hand corner and glue my die-cut chrysalis in the right hand corner. If you don't have a die-cut use your chrysalis cut from a brown paper lunch bag. The reason I like this kind of paper, is that it's thin. You can rub glue on the back and scrunch it up so that it's crinkled and really looks like a dried up chrysalis! My students needed help with the crinkling step, but the affect is worth it and they are thrilled with the results.
11. Students open up their folder and glue the last word, butterfly to the center of the butterfly. Make sure that the butterfly did NOT flip open.
12. Have the students draw a face on their butterfly as well as antennae using the black ink pens. Have them flip the wings over and trace around them so that when they flip back you have a set of wings on the left.
13. Using crayons, have them add details that are symmetric to both sides of their butterfly. I put a 5 minute time limit on these activities.
14. While students are working I pass out the "A cycle is a circle" shape. These can be pre-cut or you can have your students cut the circle shape out.
15. Have students glue it to the bottom left of their butterfly.
16. You will now be gluing down the multi-colored pieces on the flipped open butterfly. As I pass these pieces out, I place them where I want them to glue them. With the exception of the triangle, I have bolded and underlined the print at the top, and remind them that this is the TOP so they don't glue things upside down. The top of the triangle is the point.
17. This year I had an aide so this didn't take long. If you are working alone, you may opt to pass out these pieces while your students are working on decorating their butterfly on step 13 & 14. In this case, I

would have made a class set of piles of each of the 4 shapes in the order in which you are going to glue them down.

18. As in the above directions with life-cycle words I have my students glue down the yellow circle in the top right hand corner. I show them, then they copy me.
19. Then we glue the hot pink square in the bottom left hand wing.
20. Then we glue the purple rectangle to the middle of the butterfly on its thorax.
21. Then we glue the turquoise triangle to the top right wing and finally we glue the green rectangle to the bottom right wing.
22. During story time we read our File Folder Facts and sing the songs. I encourage them to read and share their research project with their families.
23. I've gotten quite a bit of feedback from parents that they can't believe their child's vocabulary and how much they know about butterflies! They are also very impressed with this research project and can't believe their little one made it! ☺
24. My students are also very proud of their efforts and really like the fact that they have a "big person" file folder. They think it's "way cool"
25. After everyone is done, the students take their folder to their backpacks.

FILE FOLDER FACTS

BUTTERFLY LIFECYCLE

EGG

CATERPILLAR

CHRYSALIS

BUTTERFLY

FILE FOLDER FACTS

BUTTERFLY LIFECYCLE

EGG

CATERPILLAR

CHRYSALIS

BUTTERFLY

A CYCLE is a CIRCLE

It has a beginning
but not really an end.

For it continues to go on and on
Starting over and over again.

A CYCLE is a CIRCLE

It has a beginning
but not really an end.

For it continues to go on and on
Starting over and over again.

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Caterpillars

By Mrs. Henderson

What do caterpillars do?
They chew and chew and chew!
What do caterpillars know?
Not much more than how to grow.
What do caterpillars spin?
A camouflaged chrysalis to sleep in!

Then by and by, with a "My oh my!"
The caterpillar morphs into a butterfly!

That's more than I can do,
no matter how I chew and chew!

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What's Goin' On?

To the tune of *Row Row Row Your Boat*
By Mrs. Henderson

Lay, lay, lay some eggs
A butterfly's dream
Hatch, hatch, hatch a caterpillar
Things aren't what they seem.
Eat, eat, eat a leaf
A caterpillar's dream
Chrysalis, Chrysalis, Chrysalis, Chrysalis
Things aren't what they seem.
Rustle, rustle, crack and split
What is happening now?
Me-ta-mor-pho-sis Me-ta-mor-pho-sis
A butterfly, oh wow!

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A butterfly, oh wow!

Butterfly
To the tune of *London Bridges*
By Mrs. Henderson

Butterfly she lays some eggs
Lays some eggs
Lays some eggs
Butterfly she lays some eggs

Soon they'll be caterpillars.
Caterpillars eat and eat
Eat and eat
Eat and eat
Caterpillars eat and eat
Before they go to sleep.

Caterpillars spin & spin
Spin & spin
Spin & spin
Caterpillars spin & spin
Soon they'll form a chrysalis!

Look! Out pops a butterfly
A butterfly, A butterfly
Look! Out pops a butterfly
Me-ta-mor-pho-sis

Butterfly is flying free
Flying free
Flying free
Butterfly is flying free
So long butterfly

This begins the life cycle.
Life cycle
Life cycle
This begins the life cycle
Here we go again.

Butterfly
To the tune of *London Bridges*
By Mrs. Henderson

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Lays some eggs
Lays some eggs
Butterfly she lays some eggs

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Eat and eat
Caterpillars eat and eat
Before they go to sleep.

Caterpillars spin & spin
Spin & spin
Spin & spin
Caterpillars spin & spin
Soon they'll form a chrysalis!

Look! Out pops a butterfly
A butterfly, A butterfly
Look! Out pops a butterfly
Me-ta-mor-pho-sis

Butterfly is flying free
Flying free
Flying free
Butterfly is flying free
So long butterfly

This begins the life cycle.
Life cycle
Life cycle
This begins the life cycle
Here we go again.

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Butterfly
To the tune of *London Bridges*
By Mrs. Henderson
Butterfly she lays some eggs
Lays some eggs
Lays some eggs
Butterfly she lays some eggs

Soon they'll be caterpillars.
Caterpillars eat and eat
Eat and eat
Eat and eat
Caterpillars eat and eat
Before they go to sleep.

Caterpillars spin & spin
Spin & spin
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Here we go again.

egg
nectar
antennae
chrysalis
butterfly
life cycle
proboscis
caterpillars
metamorphosis
My New Science Vocabulary

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Fun Facts: Numbers...

The butterfly is an insect. It has 6 legs.
The butterfly lays around 500 eggs.

The butterfly lives for about 2 weeks.
Some butterflies are as small as 1 inch.
Some butterflies are as big as 11 inches!
There are over 17,000 species of butterflies.

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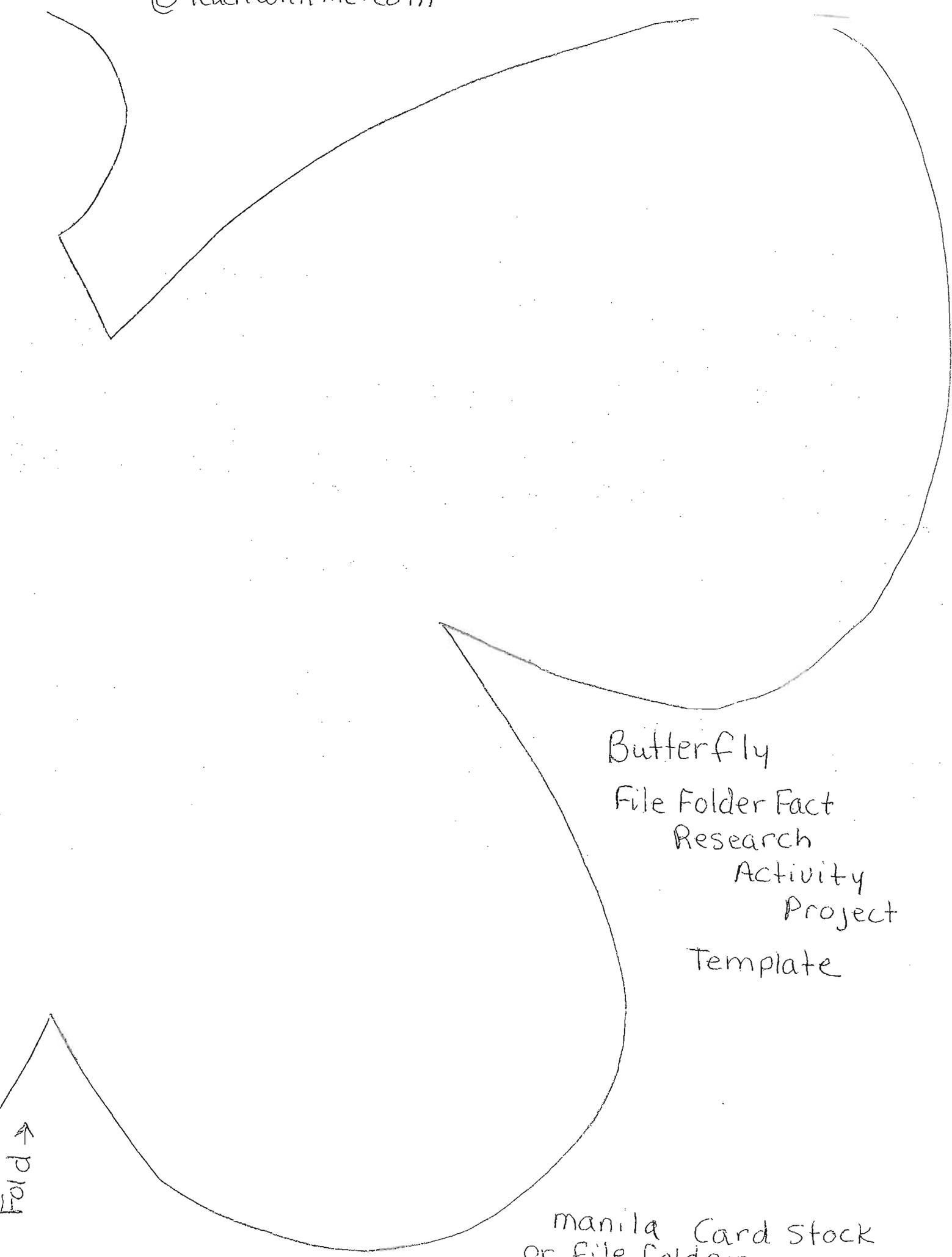
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in the U.S.

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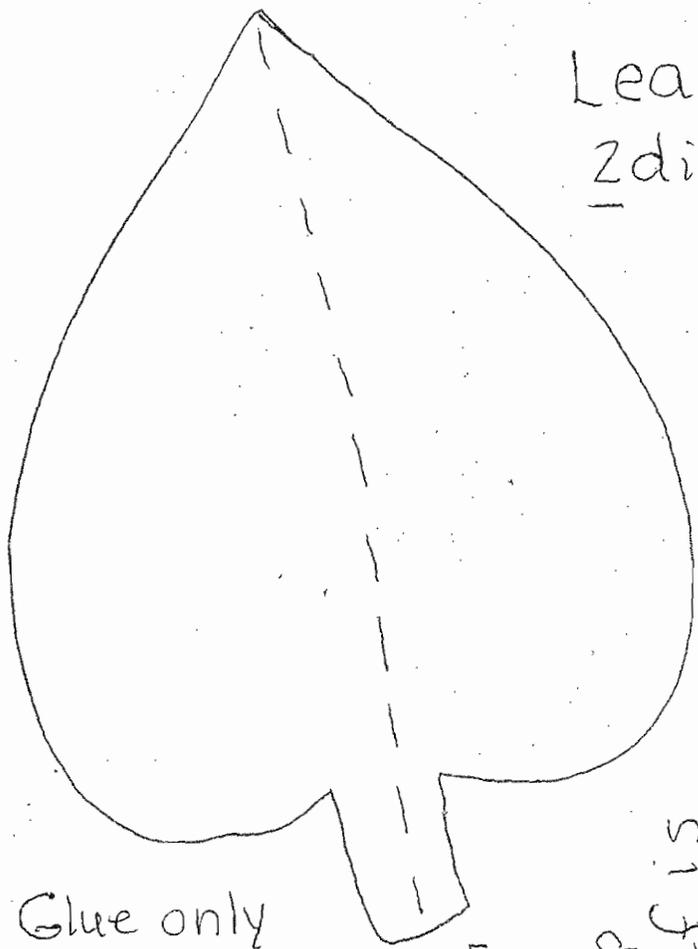
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Butterfly
File Folder Fact
Research
Activity
Project
Template

Fold →

manila Card stock
or file folder

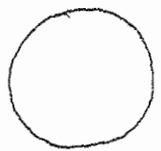


Leaf
2 different
Color
greens

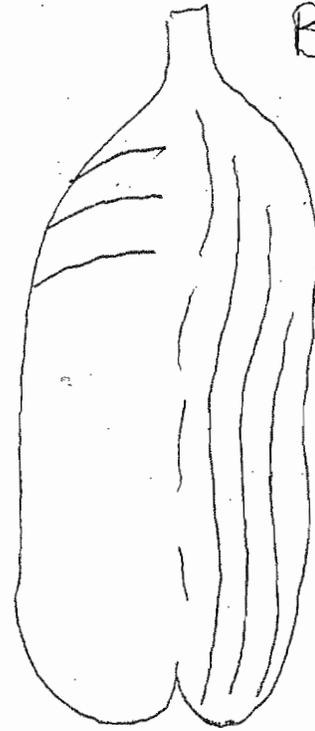
Glue only
on 1 side

TOP
Leaf is
folded here
So it looks
3-D.

2 leaves.



Size of circle for
caterpillar.



Brown paper
lunch bag
chrysalis
or use Die-cut.

Butterfly
File Folder Fact Research
Activity

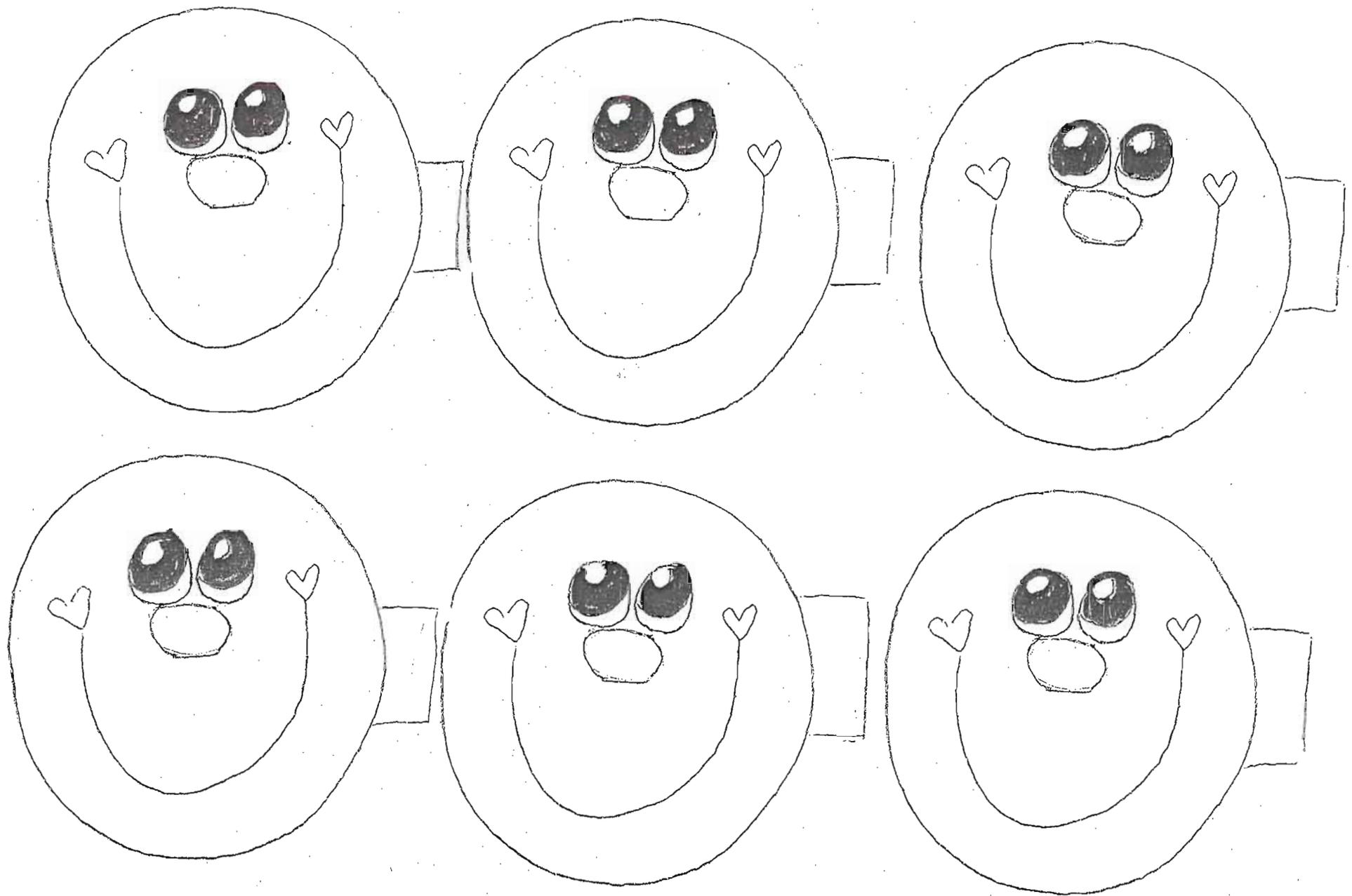
Caterpillar Body Life Cycle

Materials:

- Green construction paper
- Crayons
- Glue sticks
- Scissors
- Scotch tape for repairs.
- Optional: wiggle eyes & glue dots

Directions:

1. Run off masters
2. Children COLOR the life cycle pictures.
3. Students CUT and GLUE the life cycle pictures to the matching numbered circles of the green body of the caterpillar.
4. Children CUT the green construction paper body of the caterpillar out.
5. Heads Up: When they cut into the V of the center have them go slow so they don't cut the segments apart. Remind them to be careful. Some students will still "oops" . I repair with scotch tape.
6. CUT the head of the caterpillar out. Make sure you do NOT cut off the neck tab. Remind students of this as they will be gluing the body to this piece.
7. Students WRITE their name on the back of the head.
8. Children add details to the face with crayons.
9. Optional: I love how wiggle eyes add extra pizzazz so I give the children glue dots and two wiggle eyes to add to their caterpillar face.
10. Children GLUE their body to the neck tab of the head.
11. Students accordion fold the body.
12. Children fold the construction paper tab and glue it together so that it is thick and will support the head. Students then fold it in half again, and glue it to the back of the head. Their caterpillar can then sit.
13. After everyone is done, we review the life cycle of the butterfly unfolding the accordion folded pieces as we say each part of the cycle.



Green Construction Paper

Head of Caterpillar life cycle

If you want it to sit
Tab For Back of head

as ^{make} _{long} twice →

Fold

Caterpillar Life Cycle Body

Green Construction Paper

©TeachWithMe.com

1

2

3

4

5

1

2

3

4

5

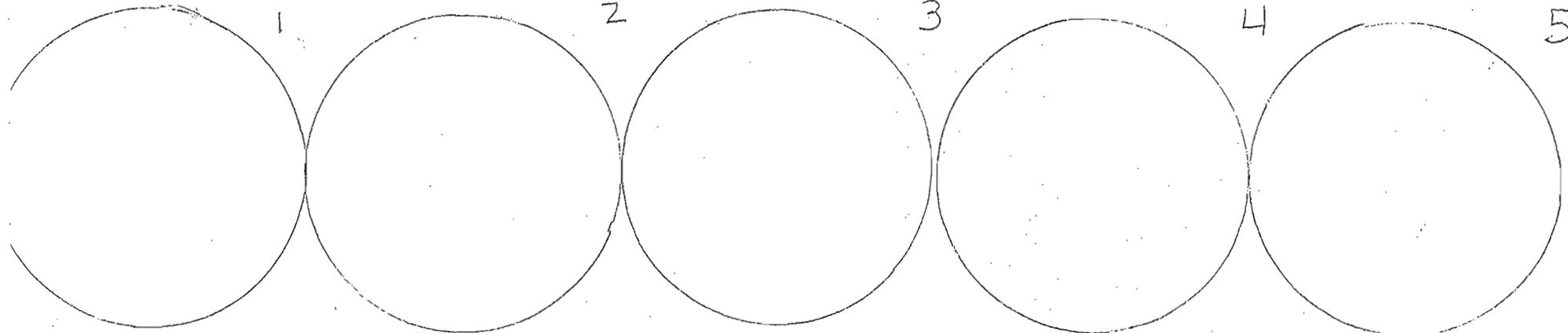
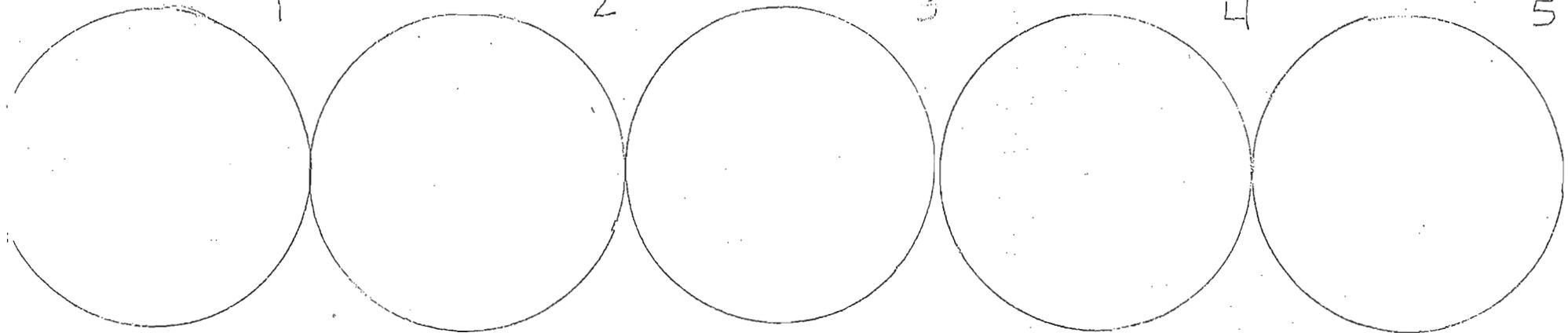
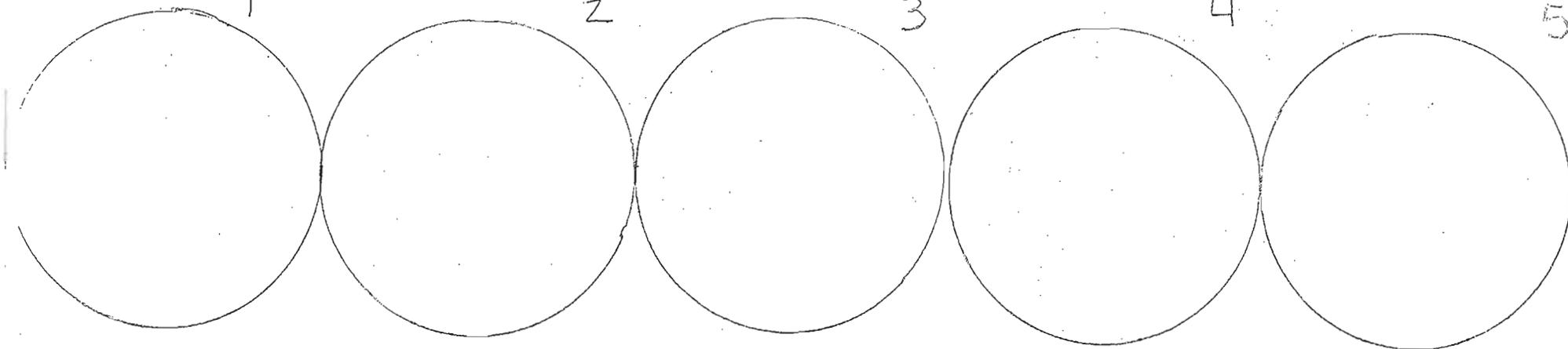
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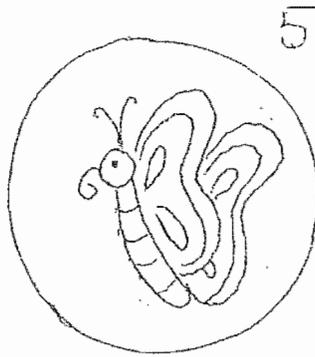
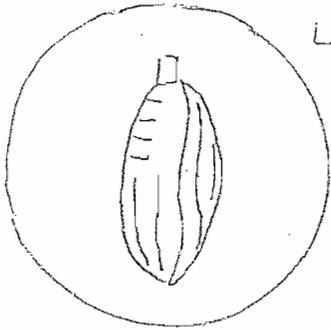
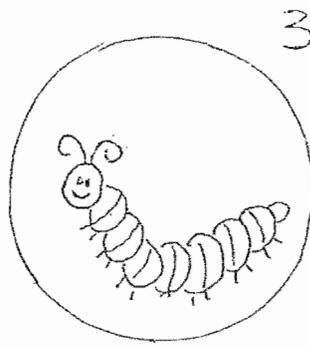
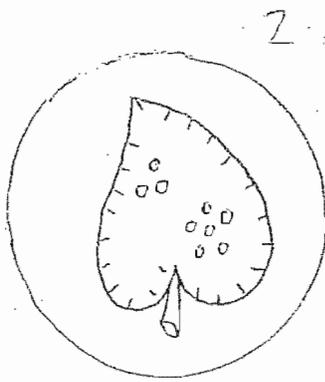
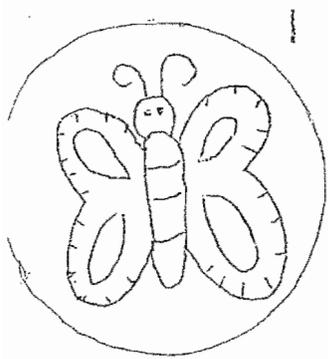
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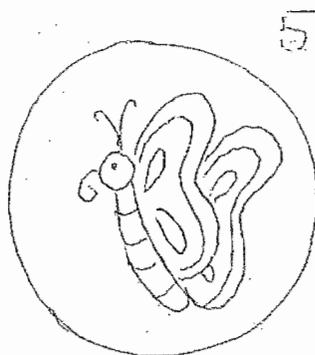
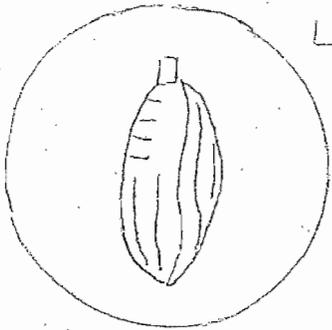
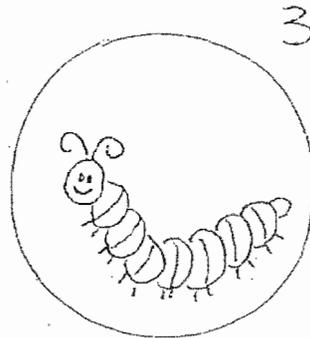
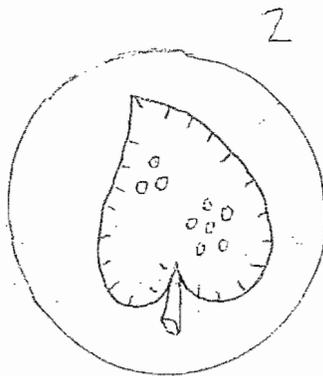
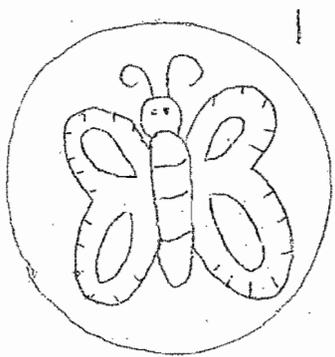




Color
Cut
Glue in
Center of large
H'd Body Circles.

TeachWithMe.com

Caterpillar Life Cycle Craft



Color
Cut
Glue in
Center of large
H'd Body Circles.

TeachWithMe.com

Caterpillar Life Cycle Craft

Pompom Caterpillar/Butterflies in a Paper Bag Chrysalis

Materials Needed:

- Large Plain Brown Grocery Bag with CHRYSALIS printed on it.
- Nickel-size neon or rainbow-colored pompoms
- Fifty-cent-size lime green or multi-colored pompoms
- Wiggle eyes (larger than a pencil eraser, oval ones are cute too.)
- Tacky Glue, Liquid Nails or Lg. Glue dots
- Large fat popsicle sticks (thorax)
- Construction paper butterflies
- 2 sided Butterfly
- Large plain brown grocery bag.
- Optional: Puffy Paint (Hot Pink or Lime Green)

TIP: All of the big craft stores like Hobby Lobby, Michaels, and Jo-Ann Fabrics sell their big seasonal packaged pompoms at 50% off after summer (neon packs from VBS craft activities) Halloween (black-orange-purple) & Christmas. (red-green-white)

TIP: Many parents are willing to donate things for their child's class if you just let them know. The last week of each month I send home a list of the supplies we will be using the next month and ask for donations.

Directions:

1. Children write their name on the popsicle stick thorax. To make the metamorphosis more believable, I have my children peel & stick their name label to the back of the thorax.
2. Children glue their pompoms to the thorax.
 - Because I am also teaching the order and colors of the rainbow, my students make a rainbow-colored caterpillar. You could also give them a choice of just 2 colors and have them make an ABABAB pattern.
 - Children start with the big pompom for the head of their caterpillar.
 - Glue dots are a bit expensive, but are less messy, and perfect for this.
3. Using a toothpick put quick-dry glue on the large pom pom and add the wiggle eyes.
4. For a bit more "adorableness" I add a dot of puffy paint for a nose.
5. Set aside to dry.
6. Cut the bag into the shape of a chrysalis.
7. Crumple up the bag pieces and then smooth them out. This will help the bag look more like a real textured chrysalis.
8. Staple the sides of the bag shut, leaving the top open so the children can drop their caterpillars in it.

9. Using a black marker, write the word CHRYSALIS on the bag. I typed my word on the computer and ran it off on brown parchment paper, then glued it to the bag. (See sample)
10. Play the “Caterpillar version” of *Doggy Doggy Where’s Your Bone?* (See directions below.)
11. Children wiggle-wiggle their caterpillar and drop it in the paper bag chrysalis.
12. You could also get a pack of brown paper lunch bags and have each child make their own individual chrysalis.
13. Make labels that say chrysalis on them, have the children peel and stick one and put it on their bag along with writing their name with a black marker.
14. After they have put their caterpillar in their lunch bag, twist the end shut and toss them all in a laundry hamper.
15. After the game, all of the caterpillars are snug inside...
16. Sing the “*Where Is Caterpillar*” song to the tune of “*Oh Where Oh Where Has My Little Dog Gone?*” (See song below.)
17. You staple the top of the big chrysalis shut. Seeing you staple the chrysalis shut with a comment of “They are safe and snug in their chrysalis!” helps add to the amazement when the butterflies magically emerge!
18. Hang from the ceiling, and wait for 14 days.
 - Since I have real painted lady butterflies in this stage, we open our bag when they emerge from their real chrysalis.
19. Run off the butterfly master on a variety of colored construction paper and cut them out. If you don’t care to have a design printed on the butterfly, simply make a template and have a helper trace once and cut 4-5 butterflies out at a time.
20. I like having the design. It only takes about 10 minutes to add puffy paint or glitter glue to 20 butterflies to add some zip and get more of the “Wow!” affect when you take them out of the chrysalis.
21. Later, you gently open the bag and take out all of the caterpillars.
22. I peel & stick another one of the children’s name labels on the back of the brightly colored butterfly and then glue the appropriate child’s thorax to it.
23. Let dry, put them back in the bag, and staple it shut.
24. Re-hang from the ceiling.
25. On the 14th day gather the children in a circle.
26. Children chant:

***“Metamorphosis! Metamorphosis!
Butterflies please come out of your chrysalis!”***

27. You reach into the bag and pull out one at a time, showing the children the name side, then flipping it over. They are thrilled and delighted and sooooo excited!
28. Hand the appropriate child their butterfly. Sometimes I toss them in the air for a special “flying” affect.

29. Once everyone has their butterfly, you can sing a few songs with them, using the butterflies as manipulatives.
30. Send them home with the children or put them on a bulletin board.

GAME to go with the *Caterpillar-Chrysalis Bag* Activity
Doggy Doggy Where's Your Bone? Becomes:
Where's Your Caterpillar?

- Children bring their completed caterpillars to Circle-Carpet Time.
- Children sit in a circle with their caterpillars on their laps.
- Put a chair in the middle of the circle.
- Choose a child to put their caterpillar under the chair.
- That child sits in the chair (Kelli) and closes her eyes tightly.
- Teacher points to another child to take Kelli's caterpillar.
- They hide her caterpillar behind their back.
- Everyone also pretends to hide a caterpillar, by putting their empty hands behind their back too.
- The children chant: "*Kelli, Kelli where's your caterpillar?*"
- Kelli guesses. Whether she's right or wrong does not matter.
- The child who has her caterpillar reveals it, and hands it to her.
- Children say: "*Kelli's caterpillar into the chrysalis you go!*"
- Kelli drops her caterpillar into the chrysalis bag.
- Play continues 'til everyone's caterpillar is in the bag.
- Staple the bag shut.
- Punch a hole in the top and slip a piece of yarn through it.
- Hang it from the ceiling, next to your "Life Cycle" Paper Counting Chain. (See explanation below.)

Song to sing after the caterpillars are snug in their paper bag chrysalis:

Oh Where Oh Where Has The Caterpillar Gone?

To the tune of: ***Oh Where Oh Where Has My Little Dog Gone?***

*Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She has munched and crunched a bunch of leaves
And now she's no where to be seen.*

*Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She wiggled and jiggled and twirled and swirled
Way up high in a tree.*

*Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She is safe and sound in a chrysalis
For many days you will see.*

Later Song, after the butterflies have emerged from their chrysalis.

*Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
She disappeared 14 days ago
She's changing magically.*

*Oh where, oh where has my caterpillar gone?
Oh where, oh where can she be?
Metamorphosis in a chrysalis
Now my butterfly flies-- free!*

Added Extension: *Life Cycle Paper Chain*

This concept goes hand-in-hand with my monthly paper chain.

- Every month I put up a double-sided brightly-colored die cut in the shape of a monthly theme. Teacher stores have a huge variety.
- i.e. for September I use an apple.
- Write the month on the die cut and hang it from the ceiling.
- Punch a hole in the bottom and tie on a yarn loop.
- Add a paper chain in specific colors and pattern.
- Because we are studying apples in September, I use an ABC pattern with Red-Yellow-and Lime Green paper links.
- This is not only an easy and terrific decoration, it doubles as a wonderful way to reinforce many report card standards...

-What month are we in?

-What season are we in?

-What are some symbols for this month?

-We identify the pattern.

-We say the colors in English, Spanish and Sign Language

-We count the links in English and Spanish

-We say "Subtract", "Take Away" & "Minus" and then tear a link off.

-Is our paper chain getting longer or shorter?

- I denote special days by putting themed stickers on that chain. i.e. picture day, fieldtrip, party etc.
- The stickers help make a particular day, that they are looking forward to, stand out. I don't get anymore questions like: "When do we get to wear our costume?" or "When is the Halloween party?" They know it's when the paper chain only has one link, and it's the one with the Jack-O-Lantern sticker on it!

- Children can easily see time passing and a new month approaching.
- In April my die cut is a Butterfly.

Life Cycle Paper Chain

- Next to this paper chain we are doing the reverse. Here we are ADDING a link to the butterfly die cut.
- We add a link each day our butterflies are in the chrysalis.
- The 1st link is WHITE it has a circle sticker on it. This symbolizes an EGG.
- The next 6 links are rainbow-colored strips. These 6 strips denote our CATERPILLAR.
- All the rest of the strips are 3 shades of brown in an ABC order. The brown represents the chrysalis. We put these on 'til the butterflies emerge from their chrysalis.
- The last strip is hot pink. We attach a 3-D butterfly to it.
- Each day we add a paper strip and link it to the last one, counting as we go. We identify the lifecycle information as well.

Most children are used to lullabies. So I ask my little ones if they want to sing a song to our caterpillars while they're "sleeping" in their chrysalis bed. The answer is always "Yes!"

Here's our lullaby. My students love saying the big science words, and their parents are always impressed that they even know them!

Are You Sleeping?

To the tune of "*Brother John*"

Are you sleeping?

Are you sleeping?

In a chrysalis.

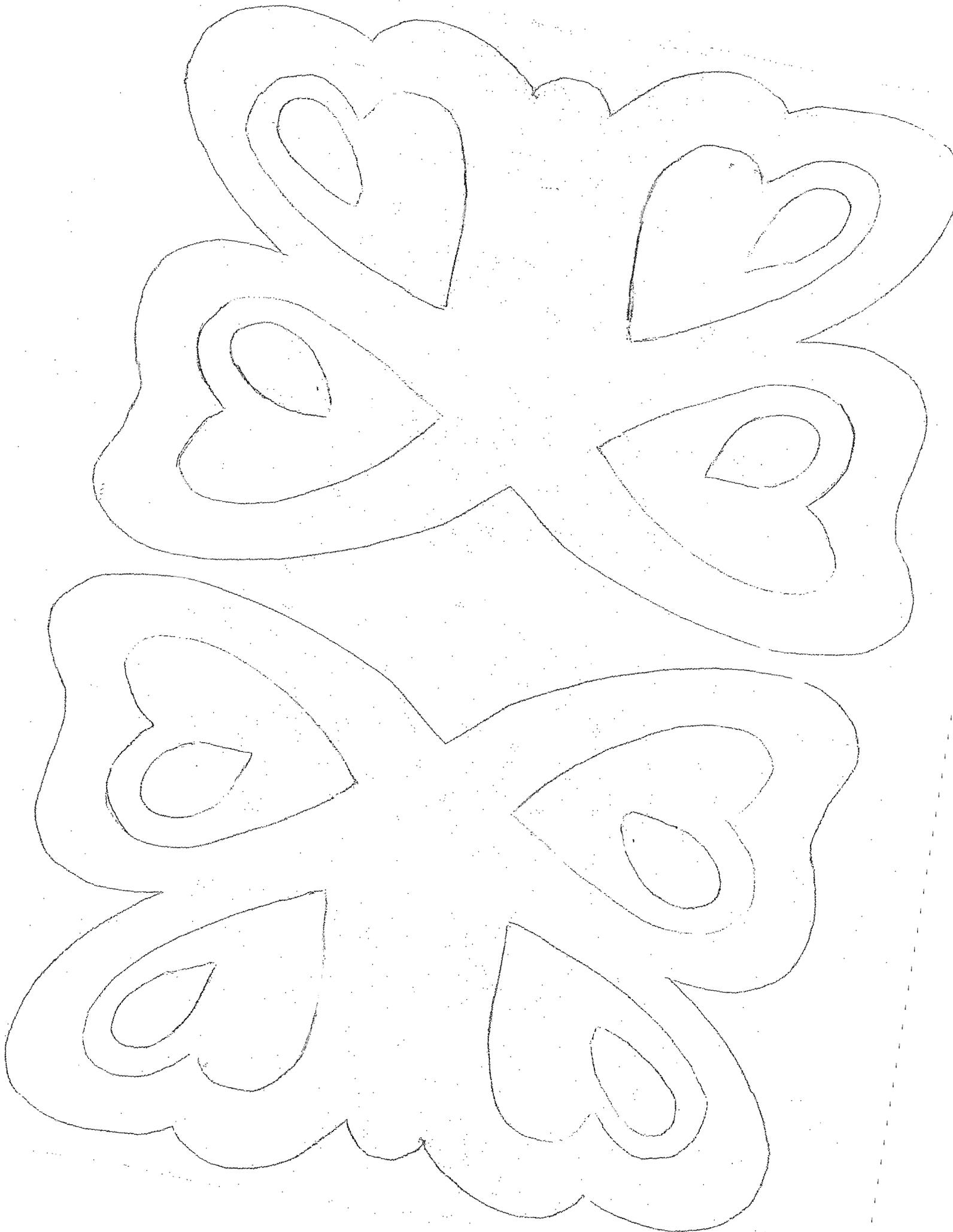
In a chrysalis.

Soon you will be changing

Soon you will be changing

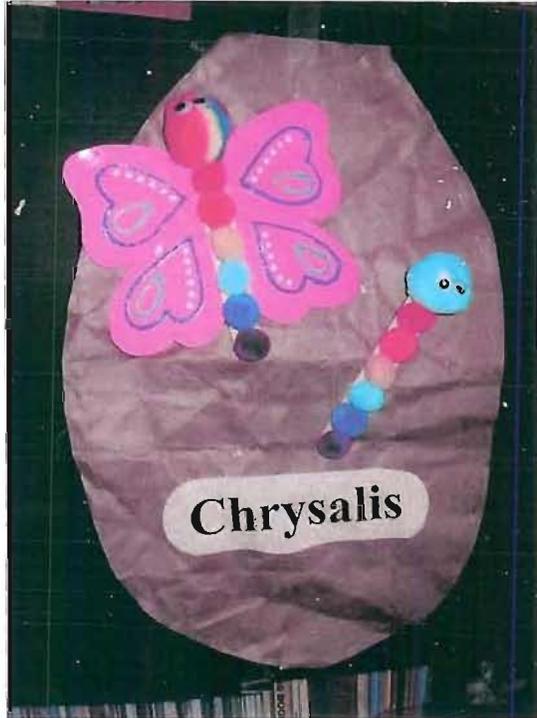
Metamorphosis.

Metamorphosis.



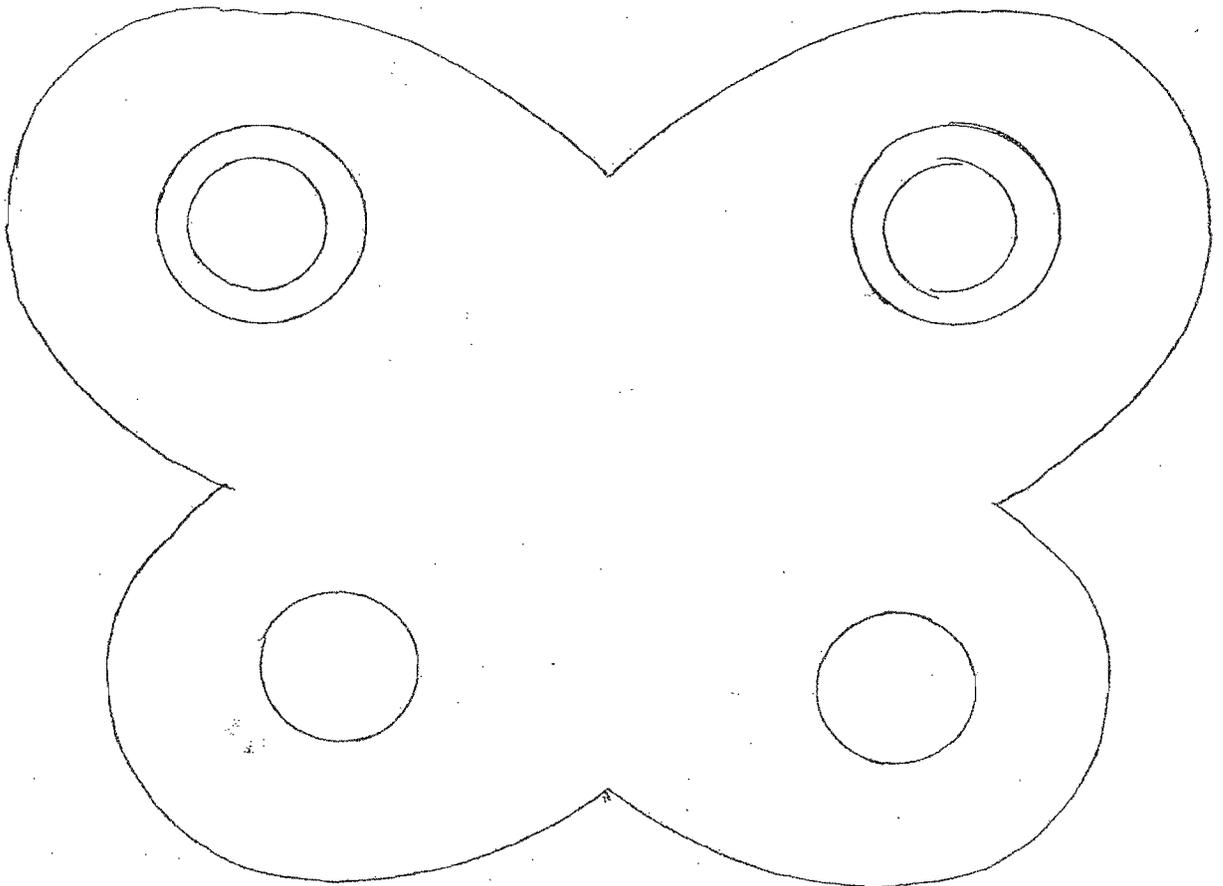
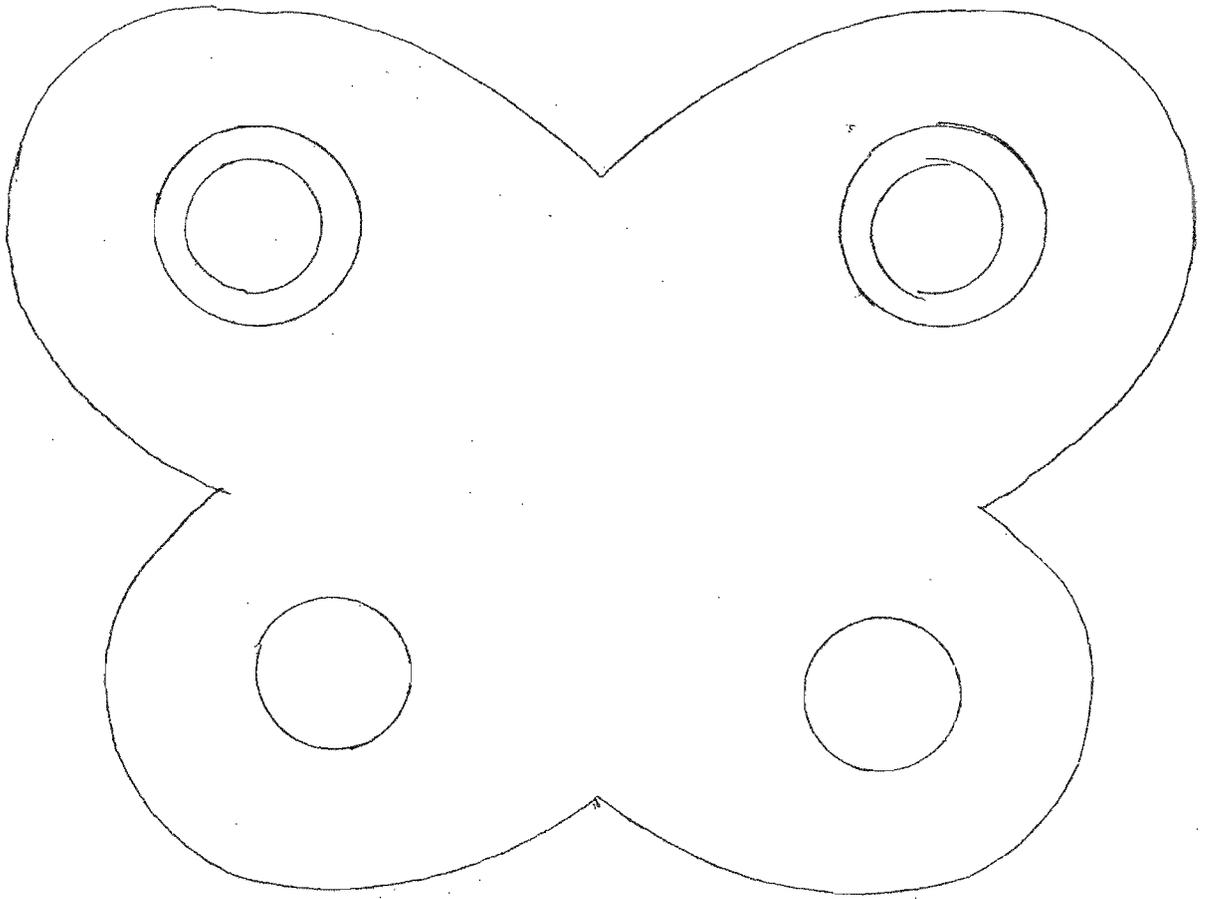


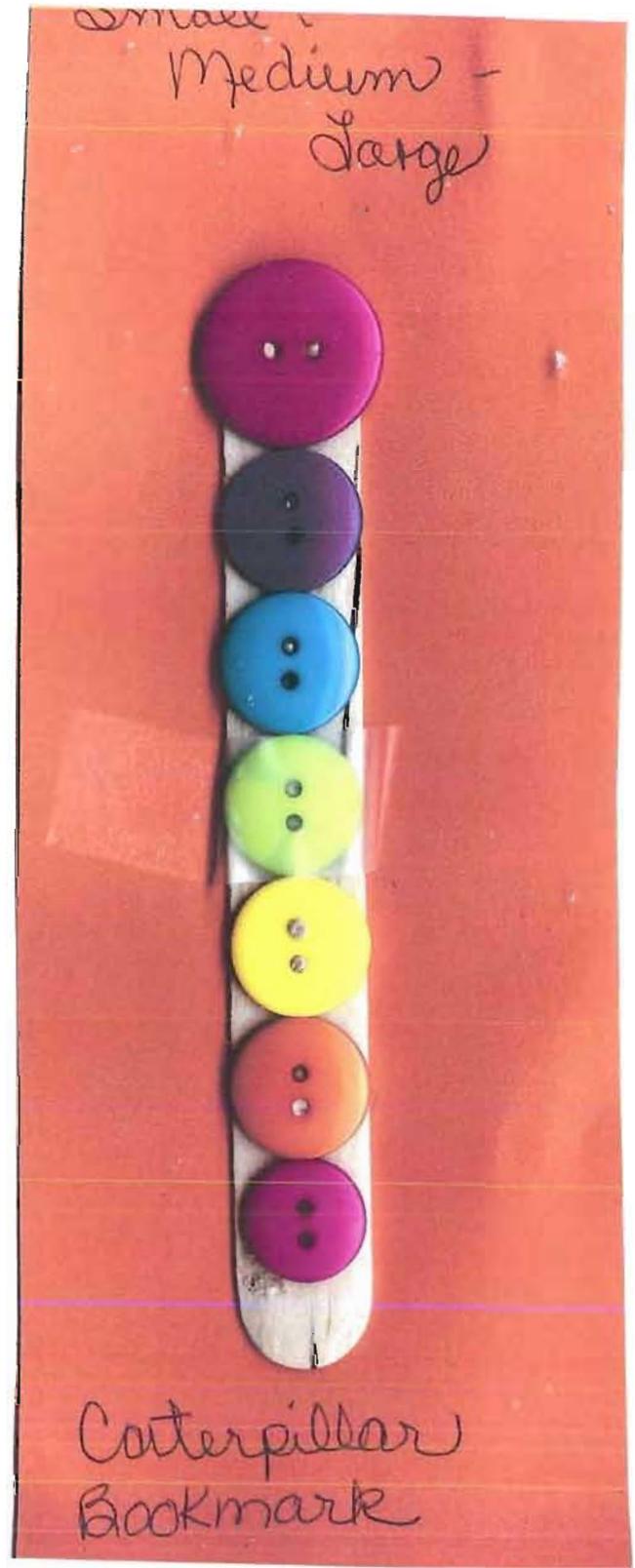
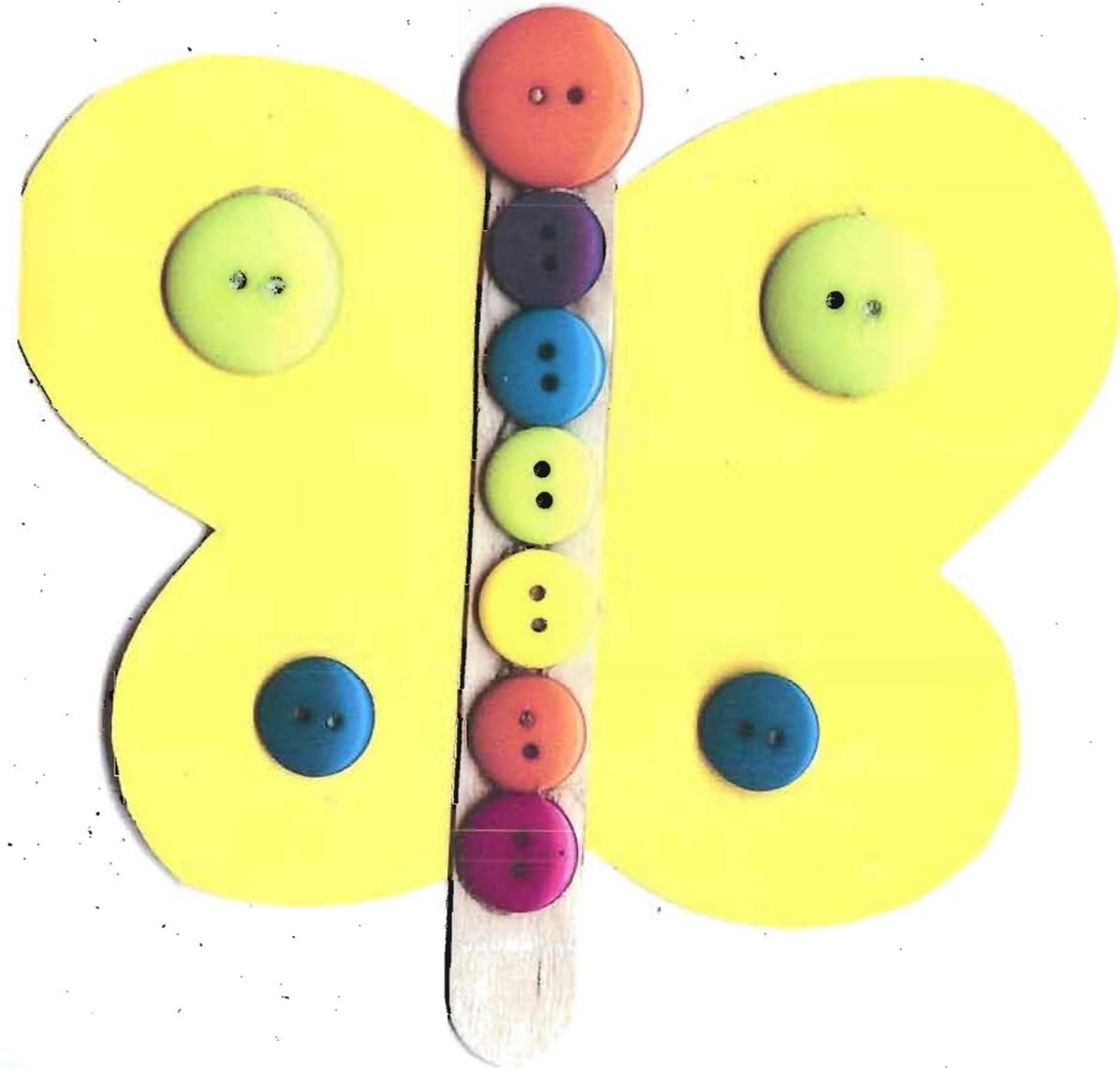
Chrysalis



Button Body Butterfly Bookmark Buddies:

- The children have fun saying this alliterative tongue twister. I have them try to say it a different way: Butterfly button body bookmark buddies. Which is harder? For me it's the second. It's fun to giggle and the children learn a new vocabulary word: alliteration, and a new poem-type genre: tongue twisters. I also continue the hilarity by having them name their button body butterfly bookmark buddy with a name that starts with B. Older children can give him a last name that also begins with B. "My button body butterfly bookmark buddy is named Beverly Brown. It's fun to go around in a circle showing our button buddy and introducing them to the group. Because the hungry caterpillar eats and eats if I have more time, I'll have the children add what their bookmark buddy eats. Of course it has to start with a B. "Beverly Brown, my button body butterfly bookmark buddy, eats baked beans!" To help them remember the alliterative phrase I typed it on a sticker which they paste to the back of their button buddy.
- Children WRITE their name on the back of their Popsicle stick.
- You can cover small-medium-and large by buying 3 different sized buttons.
- Liquid Nails works well for this project. Put a dollop on a plate, and give the children toothpicks.
- Children GLUE the large button down first. Glue the button down in such a way that the "holes" look like "eyes".
- Then children glue medium buttons down. Glue these so that the holes are vertical like "buttons". The last button is the smallest one.
- Teeny Tiny button could be added to the "head" button for eyes.
- Children could choose just 2 colors of buttons and make an ABAB pattern.
- I like to keep this a caterpillar bookmark, but it could easily be turned into a pretty butterfly as well. Use the caterpillar for the Thorax and glue it to a butterfly cut out. To tie in the buttons, add a few to the wings. Because buttons are heavy, use cardstock for the wings.
- To make the butterfly, run off a variety of colors on construction paper or colored card stock. Or you can make one copy and use it as a template and have these pre-cut by an At-Home Helper.
- Buy a bucket of bulk buttons and let the children design their own, or if you want the S-M-L look with hot-colored buttons, you can buy them at Wal-Mart. *Blumenthal* makes a plastic box filled with 240 buttons. It's called the *Button Bin* and retails for \$8.48. The buttons come in fall, pastel, neon, and bright-color boxed assortments.
- They also carry the jumbo plain-colored popsicle sticks in a 300-count economy box for \$3.47
- If you want to cut down the cost, you can use the skinny Popsicle sticks and buy a bag of small buttons at the Dollar Store.





Caterpillar
Bookmark

Factoid Flip:

- Children **FOLD** the paper on the **solid line**. (This can be pre-folded for younger children.)
- Children **WRITE** their name on the **TOP / RIGHT-HAND** corner.
- Children **OPEN** the paper and **CUT** on the **dashed lines**. **TIP:** *Make sure that your students have their paper's open, as the tendency will be to keep them folded because it's easier for them to hold.*
- Children cut out their 4 life cycle symbols.
- Children **GLUE** them to the **BOTTOM** page. **TIP:** *Make sure you tell them to check that things are centered so that their "flip-up" will cover their picture.*
- (You could give them some ruler-practice and have them draw the 3 straight lines. I do not put them on the Xeroxed copy because no matter how I explain it, if a little one sees a line when they are doing some cutting elsewhere, they will also cut these lines.)
- **TIP:** I have students glue the **PICTURES** first, because their tendency is to start on the bottom page. This way they get the placement correct.
- Instead of using the "cutesy" pictures of the lifecycle older students can find real photographs of the lifecycle online. They could also draw their own. (See plain master.)
- Children **CUT** out their **science facts**.
- Children **GLUE** the facts **ABOVE** the correct lifecycle drawing on the **TOP** of the paper.
- (Older children are able to read these. I have numbered the cards for little ones to appropriately identify. **TIP:** *Whenever you have young children gluing the written word, like poems etc. **BOLD** the 1st word. My Y5's don't have to ask if their little block of writing is upside down or not. If they have the darkened word on the top they know they are A-OK.*
- You will notice that the word-blocks are taller as they go from left to right. This is another visual tip you can give students.
- Older children can do **RESEARCH** and find their own interesting **FACTOIDS**. (See lined-master.)

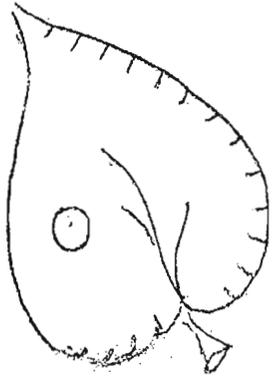
The Lifecycle Of A Butterfly

1

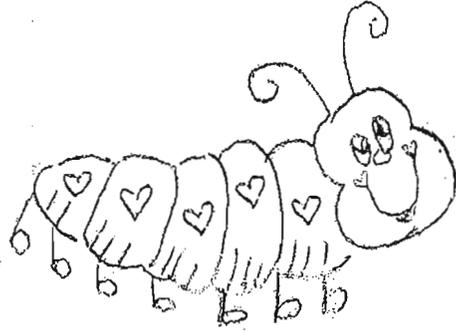
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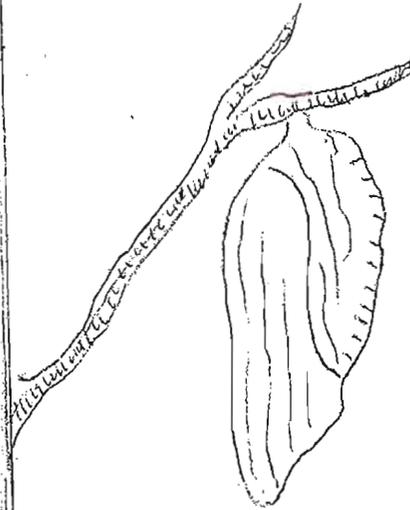
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egg



caterpillar

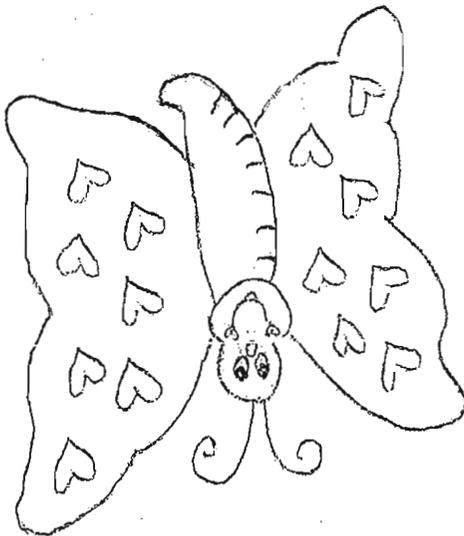


chrysalis

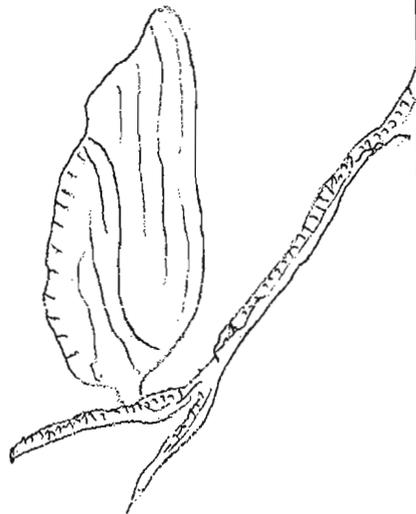


butterfly

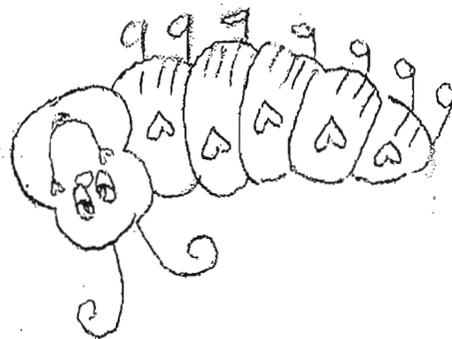
butterfly



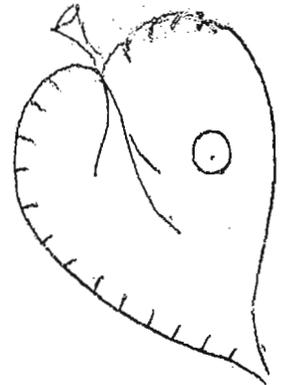
chrysalis



caterpillar



egg



Butterflies lay eggs.
Butterflies lay about 500 eggs!
An average-sized egg can
sit on the head of a pin!

1

The eggs hatch into caterpillars.
They are very hungry.
Caterpillars will grow
in size at a rapid rate.
They will split and shed
their skin several times.

2

The caterpillars will hang
upside down in a J-position
forming a *chrysalis*.
They will stay inside for about
14 days. Their body will
undergo many changes.
Inside the chrysalis,
the caterpillar will change
into a butterfly.
This is called
METAMORPHOSIS.

3

The butterfly will squeeze
herself out of the chrysalis
and sit for awhile.
She needs to dry her wet
wings before she can fly.
The butterfly will fly to
a flower to sip nectar
with her straw-like tongue,
called a *proboscis*.
One day she too will lay
eggs and the lifecycle
will begin all over again.

4

The butterfly will squeeze
herself out of the chrysalis
and sit for awhile.
She needs to dry her wet
wings before she can fly.
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Butterflies lay eggs.
An average-sized egg can
sit on the head of a pin!

1

The Lifecycle Of A Butterfly

Diane

1

2

3

4

A Science Fact Flip Up

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Butterflies lay about 500 eggs!
An average-sized egg can
sit on the head of a pin!

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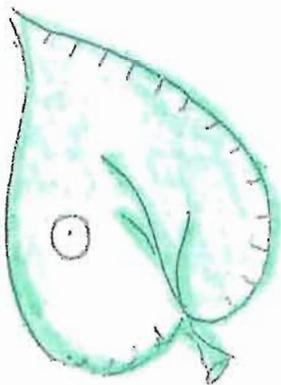
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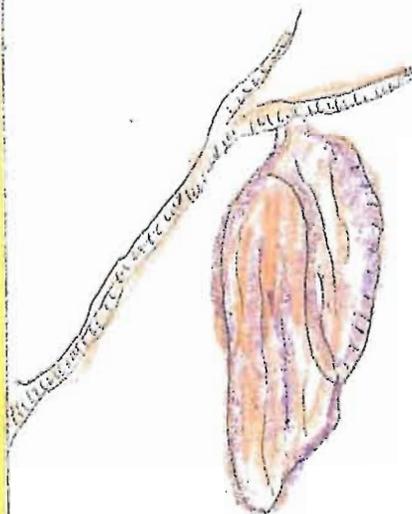
4



egg



caterpillar



chrysalis



butterfly

Eggs come in all shapes, sizes and textures. Some are smooth, some are rough, even spikey!

Some eggs are clear or a variety of other colors especially, green or white

The caterpillar has a voracious appetite. It eats more than it weighs and will split and shed his skin many times as it grows.

About 24 hours before the emergence of the butterfly the chrysalis becomes completely transparent!

The butterfly flaps her wings to help them dry. The liquid from her abdomen flows into her wings in flating them. Soon she will fly away.



Aust. Painted Lady

egg



caterpillar



chrysalis



butterfly



Presto-Chango!



Presto-Chango! A Crazy Caterpillar, Changing Right Before Your Eyes...

- This is an easy optical illusion older children can create. It's an art form that's been around for quite some time. I first did it in high school. We used two different scenic pictures. I have used this concept with third graders to show the 4 seasons. This really has a "Wow!" factor, and is a great math extension for measurement with a ruler
- This could be done one-on-one with younger children, but it was just too time consuming, so I made up several just to show them. They were truly amazed after all, metamorphosis is pretty amazing!
- Down load a picture of a butterfly and a caterpillar from the Internet.
- Copy them into word and enlarge them to the full size of the page.
- Another way to do this is using Clip Art.
- While in Word, click INSERT, click PICTURE, then click CLIP ART.
- You will be given a "find" window.
- Fill in the blank by typing in butterfly, then do it again to get a picture of a caterpillar.
- Choose whatever picture you want, click on it, and it will be dropped into your Word document.
- Enlarge them, and print them off. .
- Put the 2 together, placing one on top of the other.
- Using a standard ruler, start at the left and draw the width of the ruler all the way across the picture. You will have exactly the right amount; 10 strips.
- To save time, hold the two pictures together and cut each strip.
- Carefully lay them in order as you cut them.
- Tape 2 pieces of construction paper end-to-end.
- Starting at the left with the left hand side of the pictures **alternate** gluing a strip of the butterfly and a strip of the caterpillar next to each other with an 1/8th of an inch between the pieces.
- This will also mathematically get you exactly to the end of the paper.
- Carefully accordion-fold the length of the picture.
- Press hard to make nice folds.
- As if you are playing an accordion, gently pull the two ends, so that you open your picture just enough to see the strips.

- By simply moving the picture a little to the left, you'll see a caterpillar, then move it a little to the right to see the butterfly! Wahla! Metamorphosis! The caterpillar changes into a butterfly right before your eyes.
- Children refold it, paperclip it, and take their Presto-Chango Picture home to amaze their family.
- I got this clipart from a computer program by American Greetings called Spiritual Expressions. Their cute orange cartoon caterpillar goes perfectly with their orange monarch. In Michigan, our 2nd – graders study Monarchs, so I chose Painted Ladies. They are also orange, but a lot smaller than a Monarch.
- You could also get a large picture from a calendar or magazine, or have older students draw theirs.
- Older students could choose a partner and do the entire lifecycle. One would look for a picture of a butterfly laying eggs or a leaf with eggs on it + a caterpillar for phases 1 & 2 of the lifecycle. Their partner would look for a chrysalis + a butterfly. As a team they would show and explain their pictures.
- Just for fun you could show an optical illusion of just 2 different butterflies. (See my blue butterfly flying to the right with my purple butterfly flying to the left.)
- You can do this type of picture with any of your themes. It especially works well with anything that has a dramatic change like a butterfly, or the four-seasons mentioned above.



Fancy Fingerprint Butterfly Lifecycle.

I'm learning about butterflies flying free.
This lifecycle's special, because it's a part of me.
My fingerprints are pressed here and there.
I'm giving you this, to show you I care.



I'm learning about butterflies flying free.
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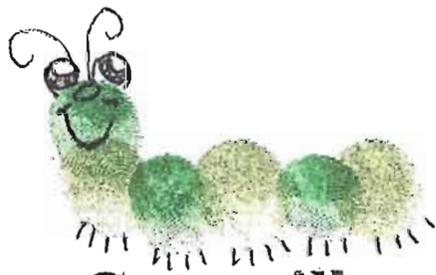
Fancy Fingerprint Butterfly Lifecycle.

Diane's Fancy Fingerprint Butterfly Lifecycle.

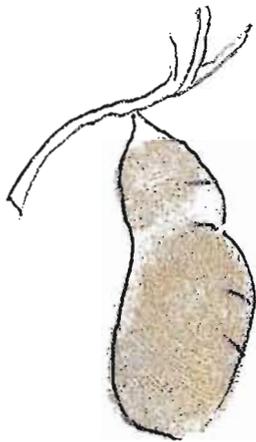
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This lifecycle's special, because it's a part of me.
My fingerprints are pressed here and there.
I'm giving you this, to show you I care.



Egg



Caterpillar



Chrysalis



Butterfly



Egg

Fancy Fingerprint Life Cycle:

- I like to use Stamp Pads for this activity, because it's less messy, and really shows off the "print" of their fingers. You could substitute paint. Simply put a few dollops of the necessary colors on a paper plate and set it in the middle of the table in front of a group of 4 students.
- You can run off the lifecycle strips from the black-line master, or make word labels and cut strips of construction paper (4 to a sheet) and give the children another "reading recognition" step, by peeling and sticking the appropriate word-sticker UNDER their fingerprints.
- Children WRITE their name on the BACK of their life-cycle strip.
- As children finish with a color, they wipe their finger on the wet wipe that each table is sharing.
- You can do this as a one-on-one activity with little ones.
- I do this as a whole-group activity to help increase listening and following direction skills. I show them what I want them to do, they watch, then they all do it, then they wait for the next direction.
- This could simply be a center for older children, with a sample posted at the site.
- Children PRESS their PINKY finger onto a colored pad and make one fingerprint ABOVE the EGG word.
- Children press their POINTER finger onto the GREEN pad and make 5 fingerprints in a HORIZONTAL line ABOVE the word CATERPILLAR, with an extra print on the top for the head. I like to use 2 different colors of green for a special affect.
- Children press their THUMB into the GOLD or brown pad and make 1 thumbprint ABOVE the CHRYSALIS word, and a PINKY print on top of that.
- Children press their POINTER finger on the PURPLE pad and make 2 smaller top wings, and then 3 THUMB prints below those to be the larger bottom wings.
- To show the lifecycle continuing, children once again press their PINKIE on a colored stamp and press it above the EGG word.
- When the prints are dry, children add a few details with a black pen. (See sample.)

Butterfly Patterning with Pop Beads

- Wal-Mart sells a “Pop Bead Play Set” from *The Beadery* for \$9.96.
- It’s a “must have” for my classroom. They absolutely love them!
- A large box of neon-colored round pop beads, plus an assortment of hot-colored butterfly pop beads, gives my students a ton of fine-motor skill fun!
- The children ask to play with this Tummy Tubby Time activity everyday! They’ve made pop bead chains that go from one end of the room and extend all the way out the door!
- This is a great alternative to Unifix cubes.
- The children love extending and following a pattern as well as counting how many beads they put on.
- Some of the children like to try and use all of the beads to see how long their chain will grow. (Great math extensions and tons of fun!)
- They have hot pink instead of red, other wise all of the colors of the rainbow are present for that sort of pattern as well.
- Taking them apart is also great for strengthening finger muscles.
- Besides making a specific ABAB or AABB pattern, I have the children show me the **lifecycle of the butterfly** using the pop beads.
- They start with a butterfly bead and add 1 yellow egg bead, then 3 green beads that represent the caterpillar, 2 orange beads are the chrysalis, followed by another butterfly bead and ending with one yellow egg-bead to show that the lifecycle continues to repeat itself.
- After they have shown me ONE lifecycle they can continue the lifecycle pattern and make it as long as they want.

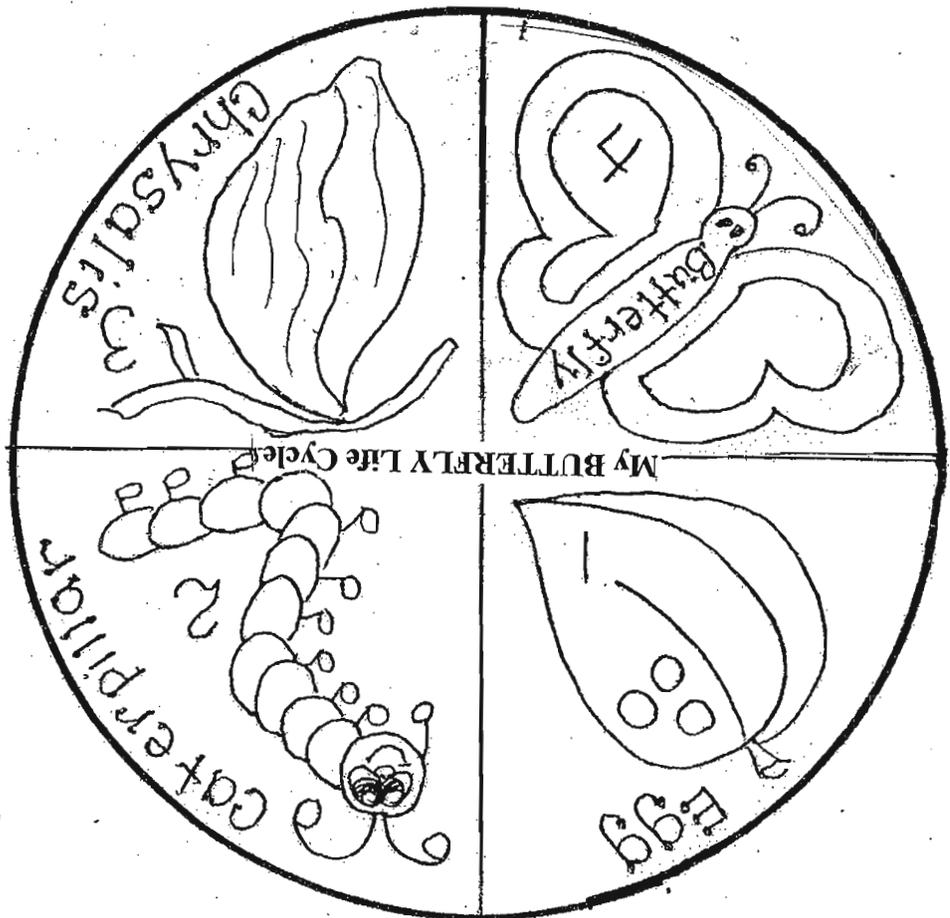
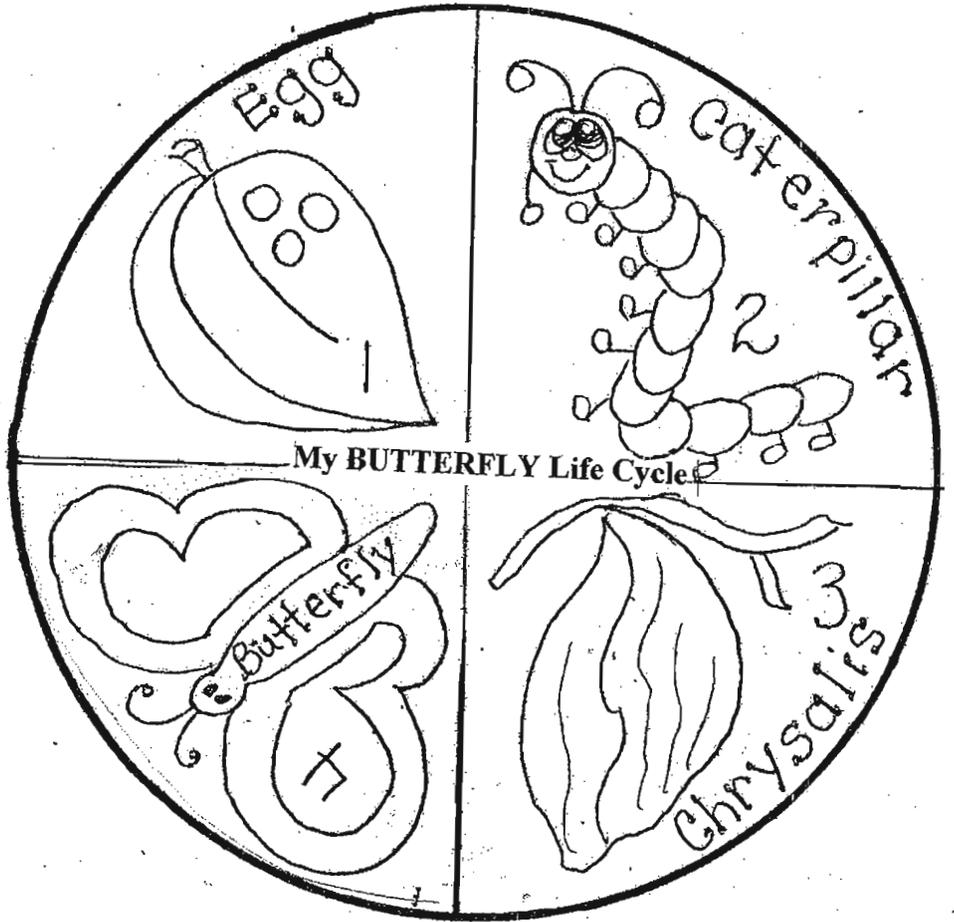


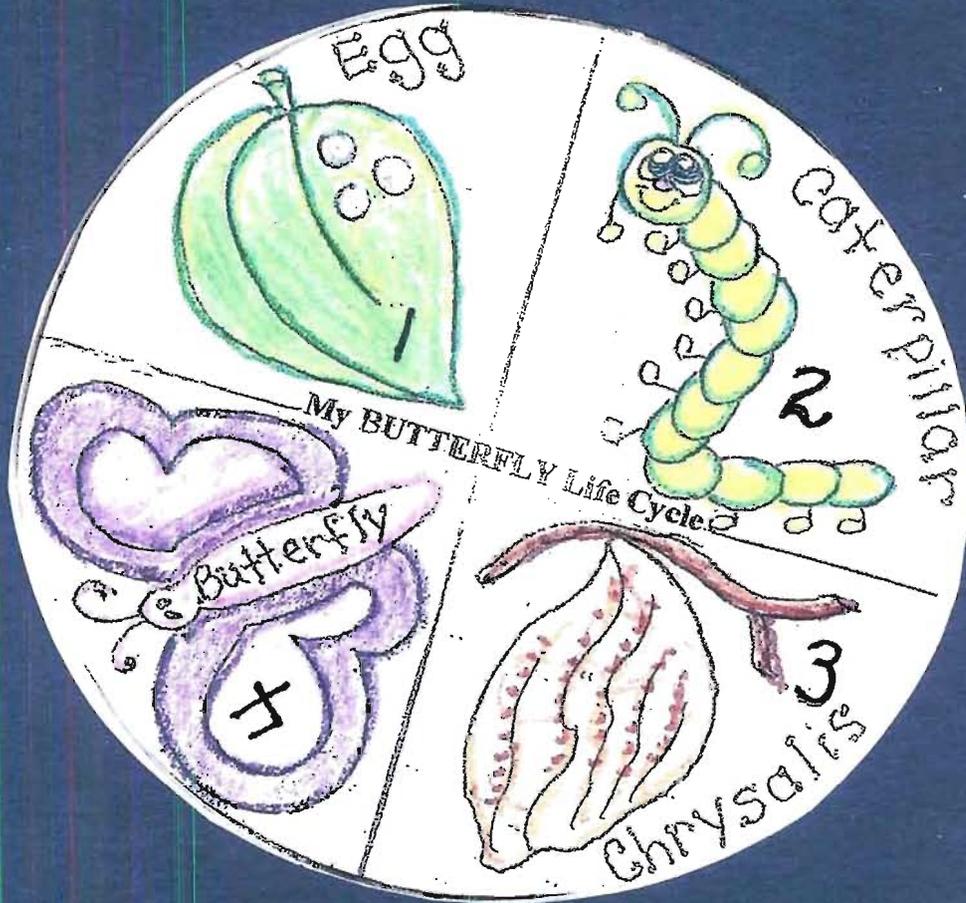
CD Life Cycles

- In my teacher workshops I tell instructors that their new “mantra” should be “*What can I do with this?*” Just that one little question should hopefully get a person using their imagination and ignite a few quick ideas of how to recycle “junk” into inexpensive “treasures” and supplies for the classroom!
- CD’s are a great example. They come through the mail, and can be picked up free at any office supply store. It’s one of the things I list on my parent “**Please SAVE this STUFF for us**” note home at the beginning of the year.
- **A cute article I could whip together includes 50 ways to use CD’s.**
- Because the CD is a circle it’s great for the butterfly life cycle.
- Collect a class set of CD’s
- Thread a strand of fish line through the center of the CD and knot it Make a hanging loop at the top.
- When the children glue their pieces this will help hold the fish line in place.
- Run off the master.
- Children trim their life-cycle circle and glue it to the NON-shiny side of their CD.
- Children make a 3D butterfly by gluing a butterfly to the middle of the shiny side of the CD.
- Then they fold the wings up and run a strip of glue down the center of the thorax area of the other butterfly and press it to the middle of the CD butterfly. Fluff the wings to make them stand up.
- I make these butterflies from colored clip art. You could also use stickers, a punch or die cut.
- Add antennae with a black fine point marker.
- Write the child’s name around the edge of the CD with a colored marker.
- Older children can make a decorative pattern their CD.
- Hang from the ceiling so they can sparkle and twirl.

Recycle those CD’s!

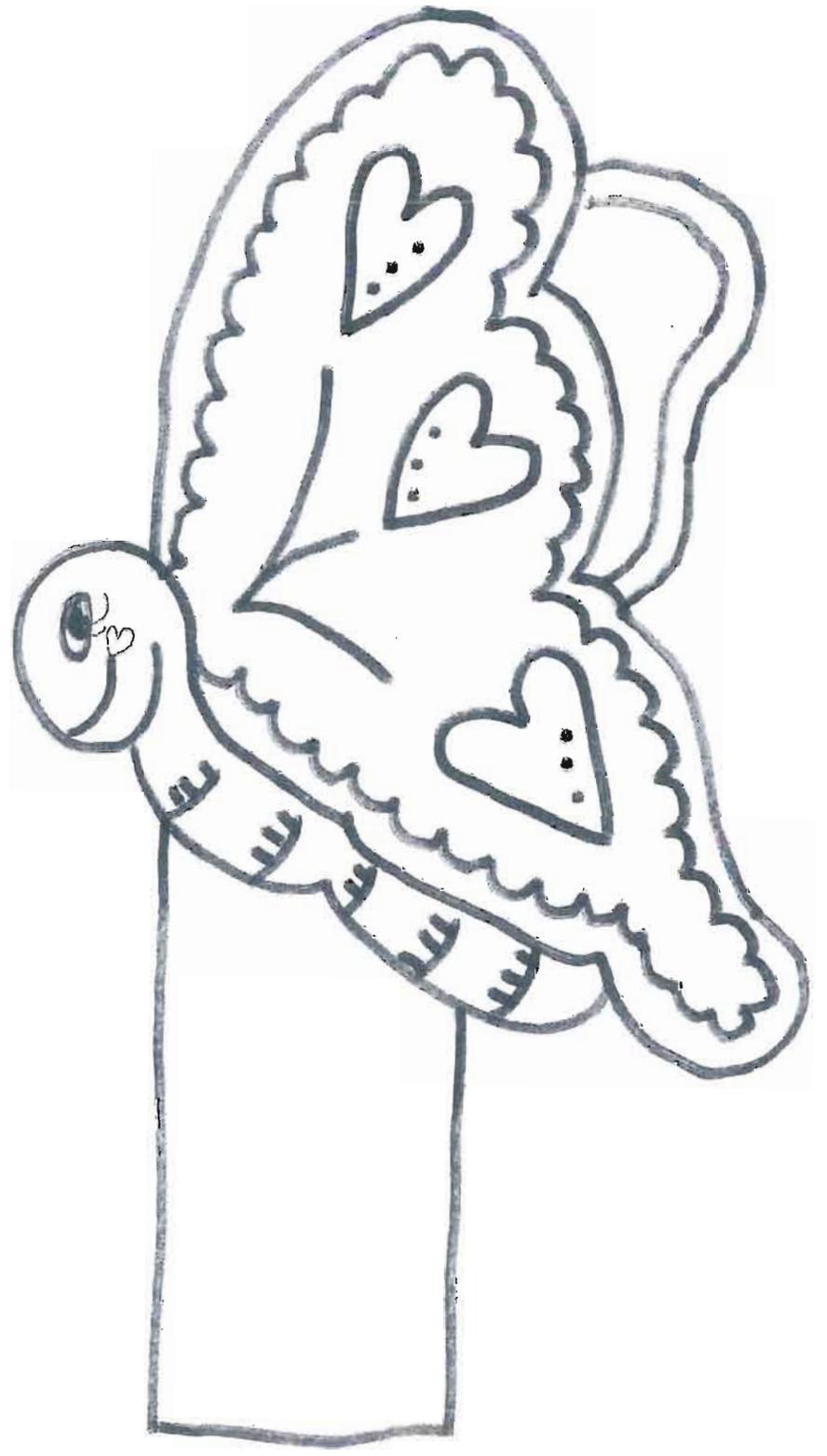
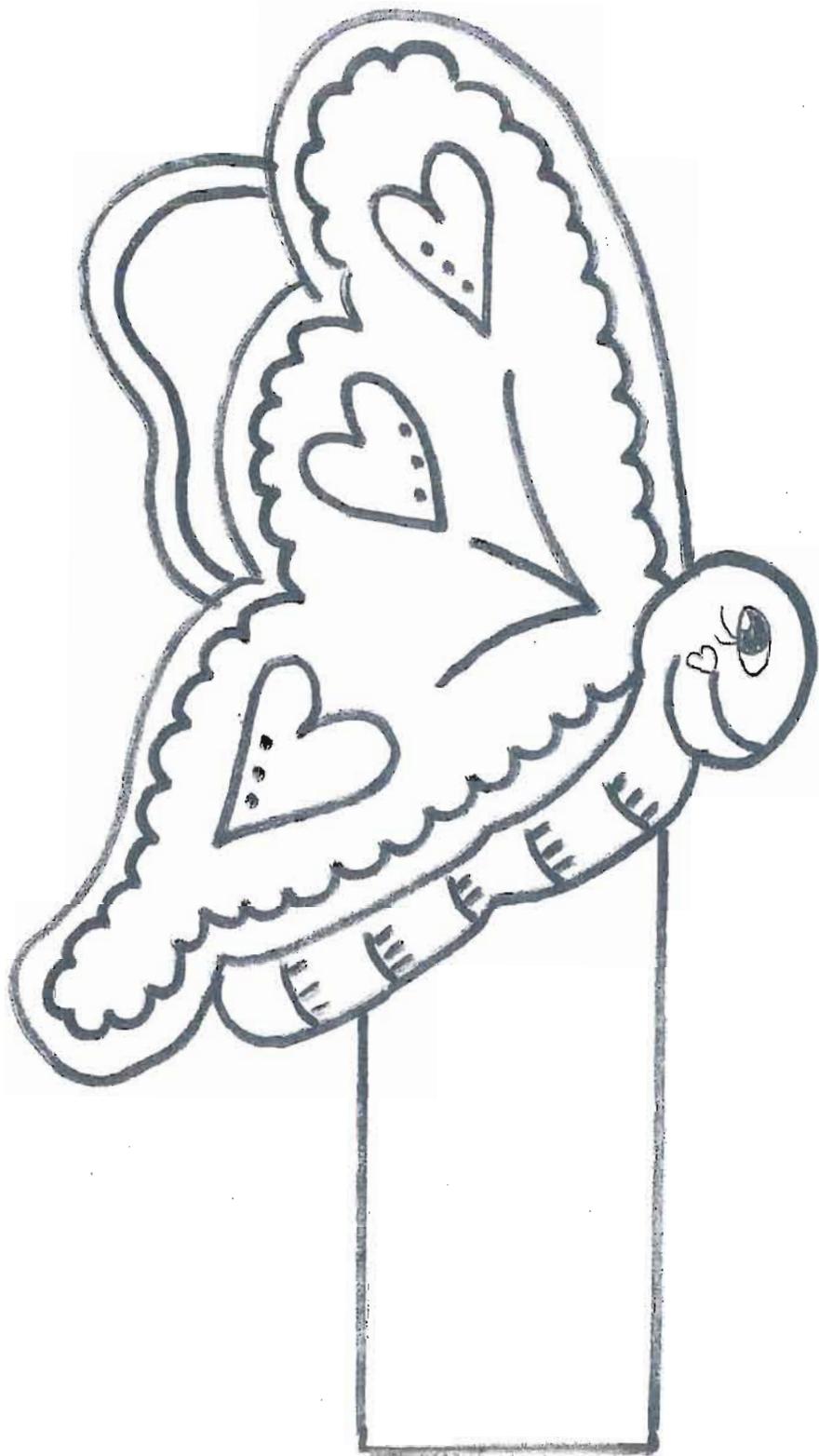






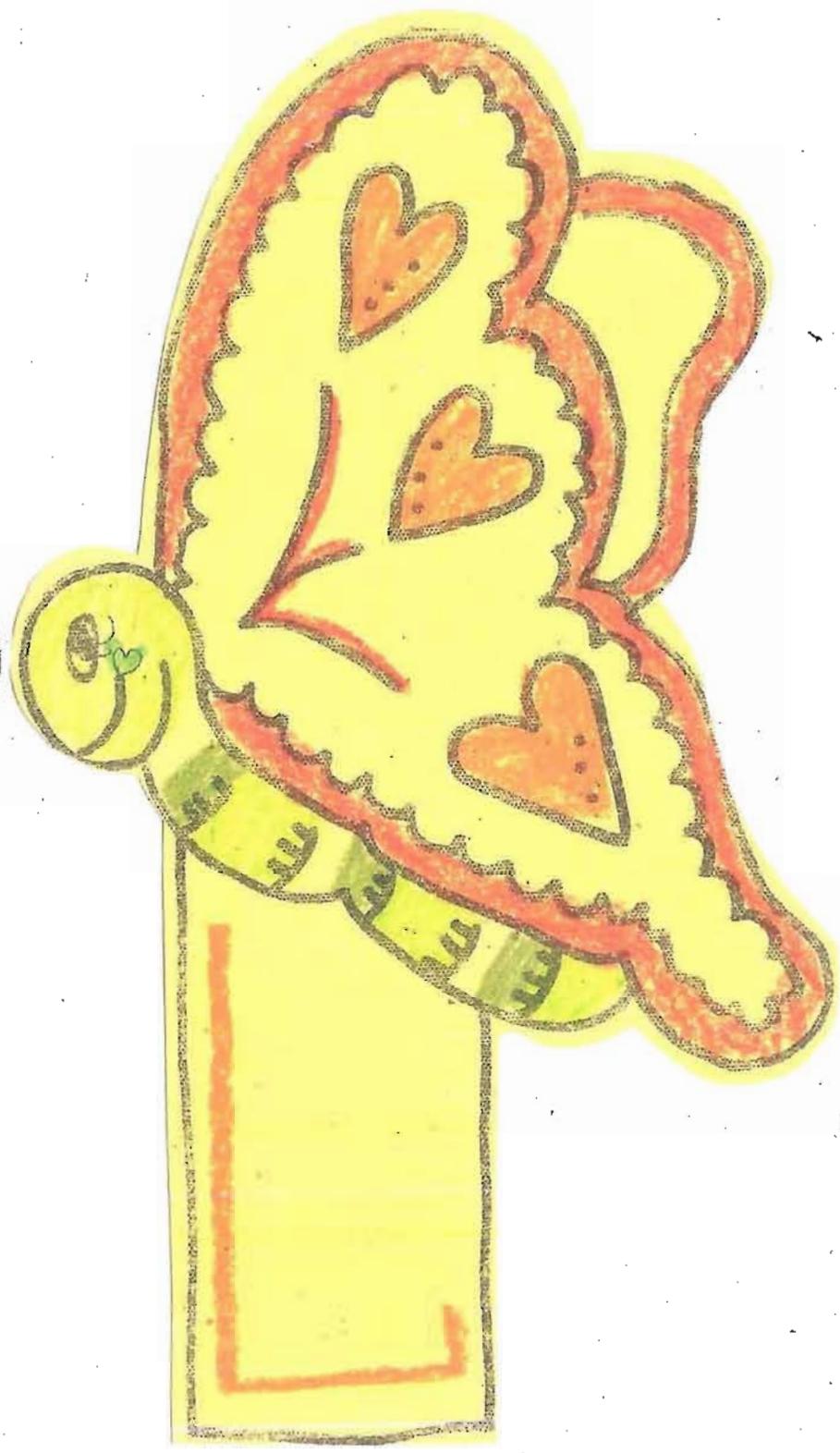
Left & Right Butterflies:

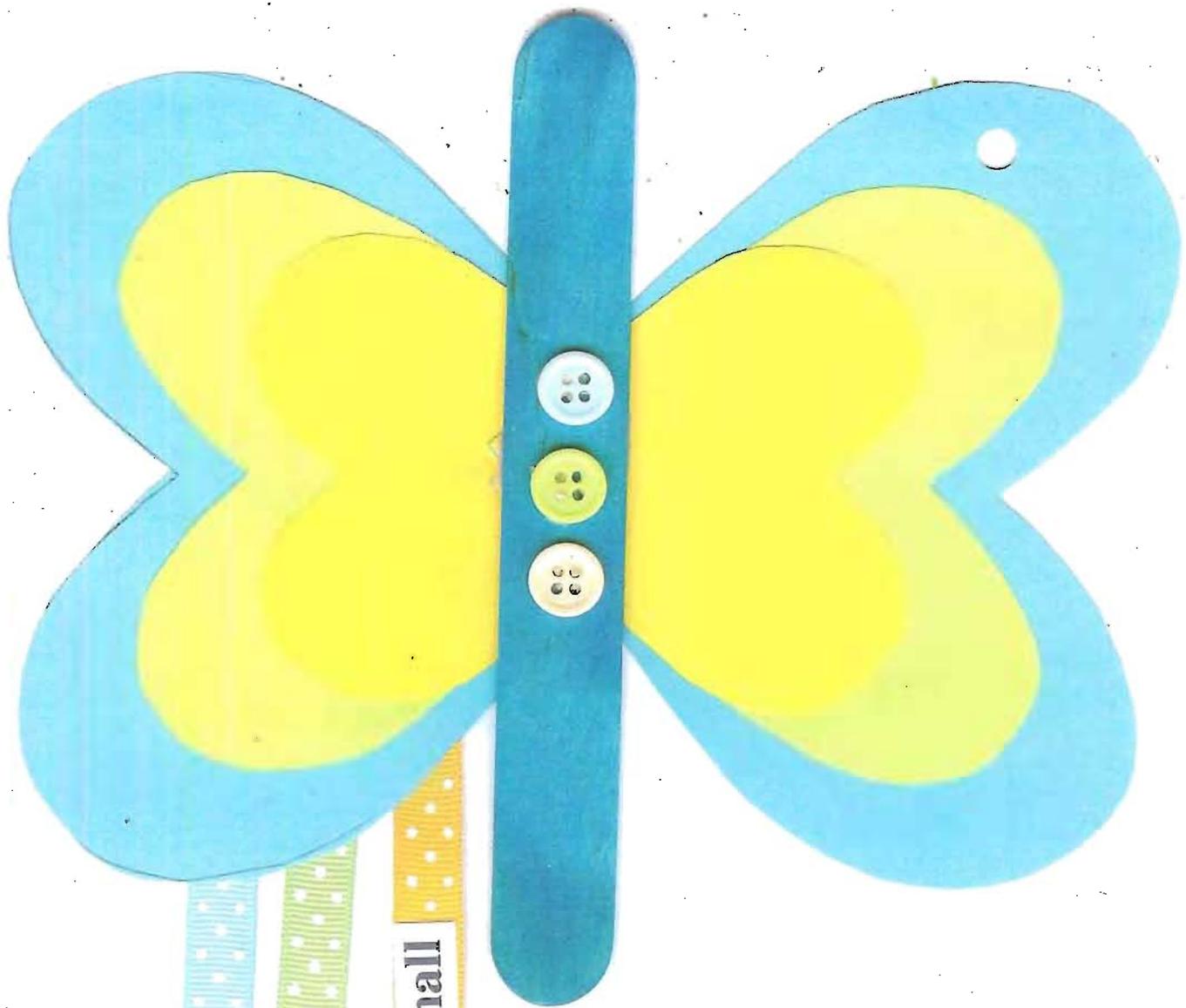
- Run off a set of butterflies for each child.
- Run off on a light colored construction paper like powder blue, baby yellow, or light pink, if you want them to color. Run off on white construction paper if you just want them to add details with glitter glue or puffy paint.
- Children COLOR both butterflies 1st
- I find if they use crayons for one side and fat markers for the other butterfly they do a better job.
- Children then CUT out **one** of their butterflies.
- Flip the other butterfly over, you will still be able to see the black lines.
- Using a glue stick, have the children “color” in the entire area. If they go over the edges a bit, that’s OK because that part will be cut off. By going past the edge you are ensuring that the edges will really be stuck.
- Help children match up the butterflies.
- Smooth fingertips over the butterfly making sure you rub over the edges.
- Children now cut out the rest of their butterfly.
- Children write a big L on the left-facing butterfly’s part of their paddle.
TIP: Tell them that their butterfly is “Looking Left”
- Children write a big R on the right-facing butterfly’s part of their paddle.
TIP: Tell them that their butterfly is “Reading Right”
- Holding onto the “paddle” portion of their butterfly, children say & do:
“My butterfly is in my LEFT hand. My butterfly is looking LEFT.”
“My butterfly is in my RIGHT hand. My butterfly is looking RIGHT”
- You can also play a spatial placement version of Simon Says with them. You be Madam Butterfly.
- i.e., Madam Butterfly says: *“Put your butterfly in your right hand. Put your butterfly ABOVE your head, BEHIND your back, UNDER your chin.”* etc.
- This is also a fun way to reinforce the vocabulary of more difficult body parts. i.e. *Put your butterfly ON your FOREHEAD, ANKLE, WAIST, HIP, WRIST, KNEE, SHIN* etc.





R
Diane





Large

Medium

Small

SML

By Diane L. Flohr

To the tune of *Three Blind Mice*
SMALL, MEDIUM, and LARGE
SMALL, MEDIUM, and LARGE
On my butterfly.
On my butterfly.
Did you ever see such a butterfly?
Her wings help her flutter and fly!
There's 2 sizes on each side.
SMALL, MEDIUM, and LARGE
SMALL, MEDIUM, and LARGE

Small-Medium-Large Butterfly Wings.

- Run off copies of the various size heart masters on a variety of colors, or forego the copier step and have older children trace then cut their heart shapes.
- Children cut out their hearts.
- As an additional math extension, before they glue their hearts together, have children show you a small-medium-large ABCABC pattern using their hearts.
- Starting with the large heart, children match the medium heart's point to the large one.
- Children glue them together.
- Next, children match up the small heart's point to the medium one.
- Children glue them together.
- Children overlap both wings in the middle and glue together. (A glue dot really helps stick these together and is easier for younger children.
- Using another glue dot, children adhere a large colored Popsicle stick (thorax) to the middle and front side of their butterfly. I added 3 little buttons for pizzaz.
- To lessen the amount of cutting for younger children have the small and medium hearts pre-cut for them.
- They cut out the 2 larger ones and glue the entire thing together.
- Children WRITE their name on the BACK of the Popsicle stick.
- Using a glue dot, children paste a complimentary-colored ribbon to the back of their butterfly, lining them up with the base of the hearts.
- Older children could use Scotch Tape. You could tape these for younger children.
- Children peel and stick their stickers to the MIDDLE of the 3 lengths of ¼ inch satin ribbon.
- To cover the ribbon edging on the back and finish off the project older children can cut and glue 2 additional SMALL hearts.
- Run off and pre-cut the SML poem.
- Children GLUE the poem to the back of their butterfly covering up the edges of the cut ribbons for a more finished look.
- You could review the concept of long, longer and longest using the various lengths of ribbons.
- Punch a hole in the TOP, RIGHT -hand side of the butterfly.
- Loop a piece of yarn or fish line through it and knot.
- Children sit in a circle with their manipulative and sing the song with you.
- They point to each of the hearts as they say that size.
- Their butterfly "flies" to you and you hang from the ceiling. Because the hole is punched on the right side and the ribbon's weight will bring down the left side, the butterflies will hang kitty-wampus and look extra cool!

SML

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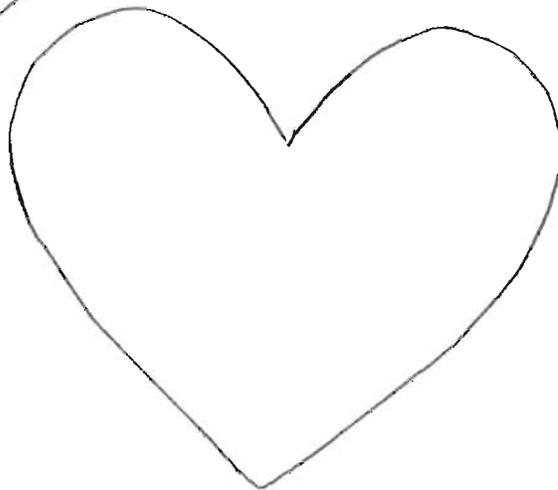
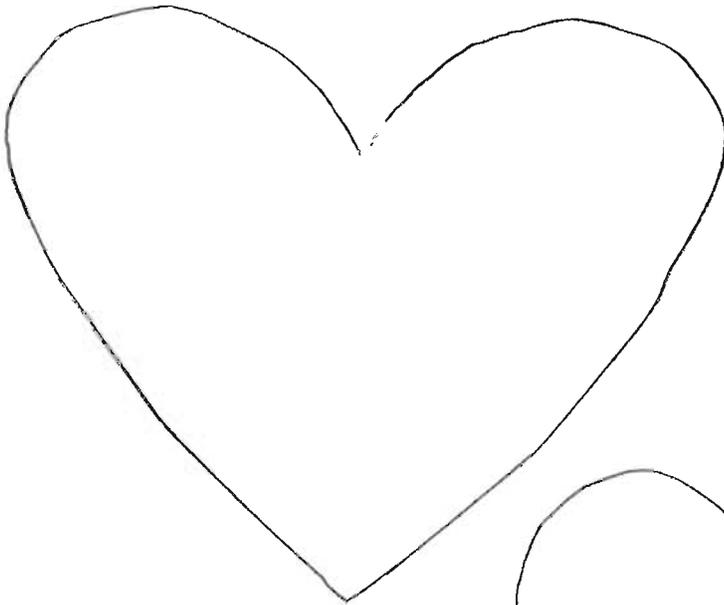
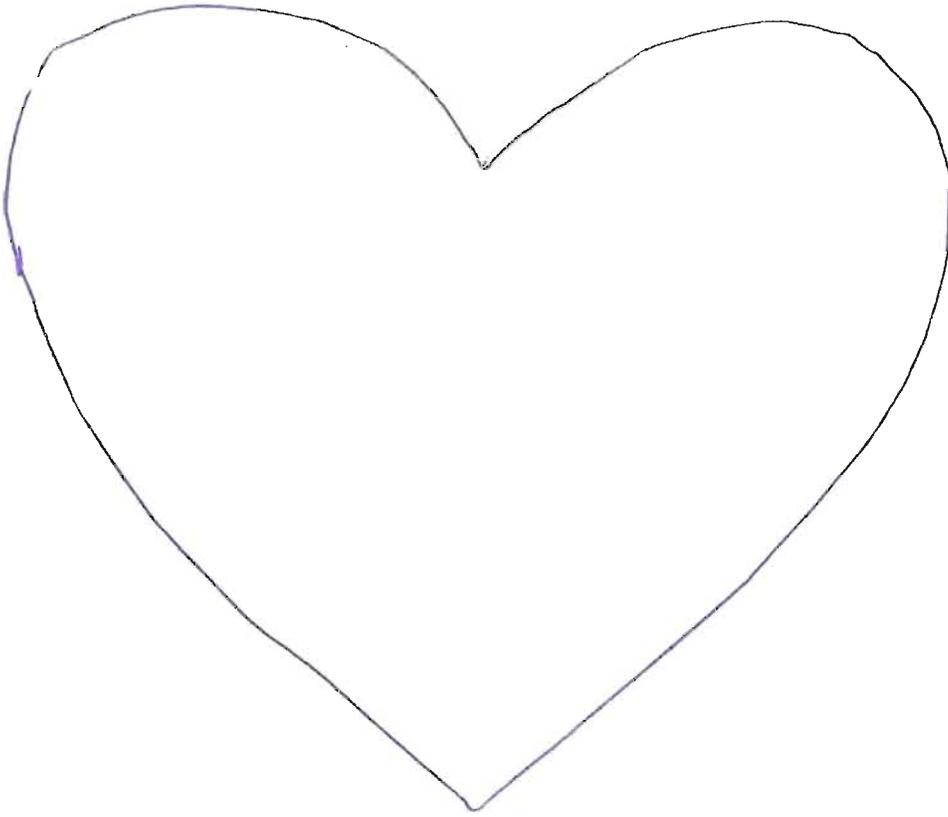
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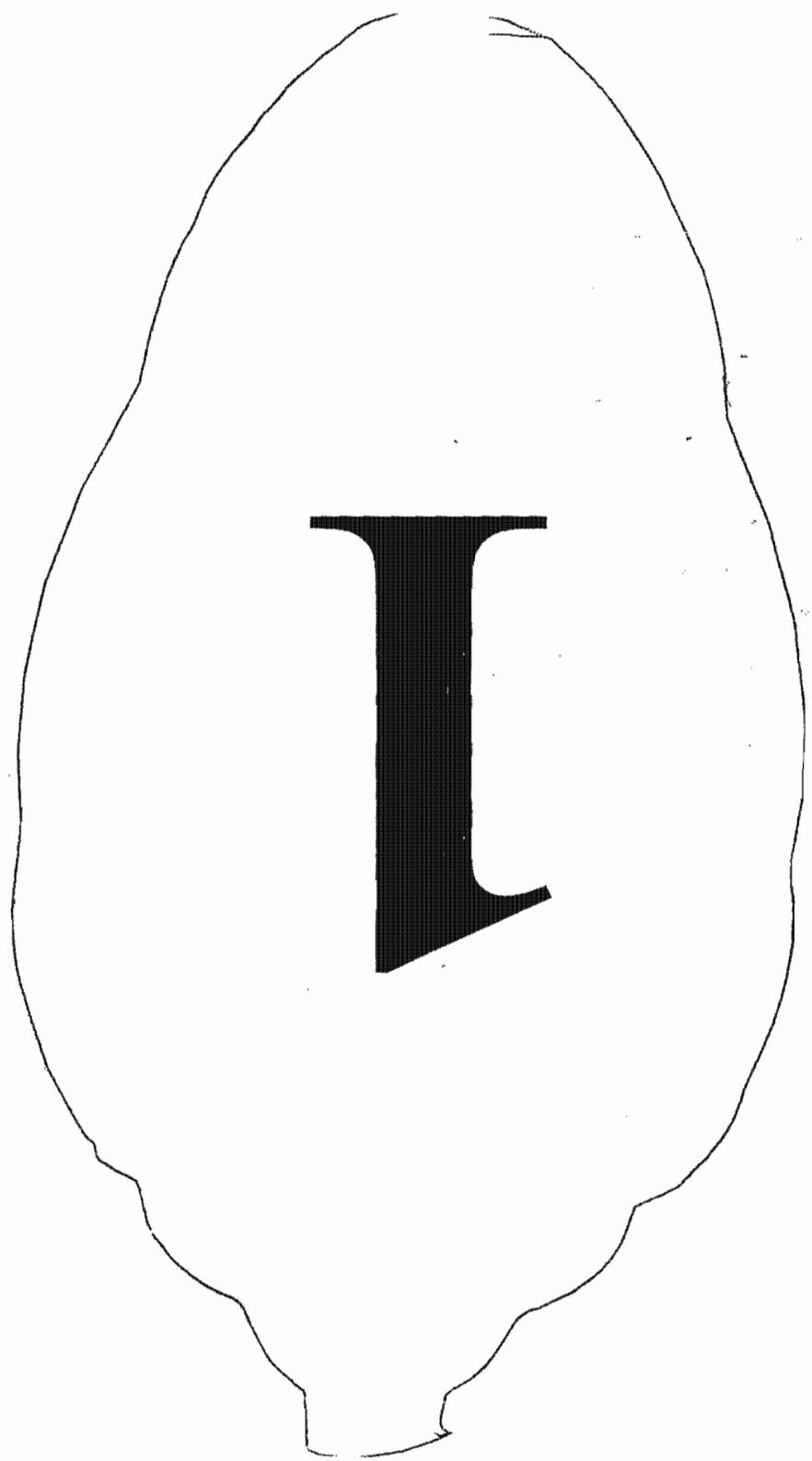
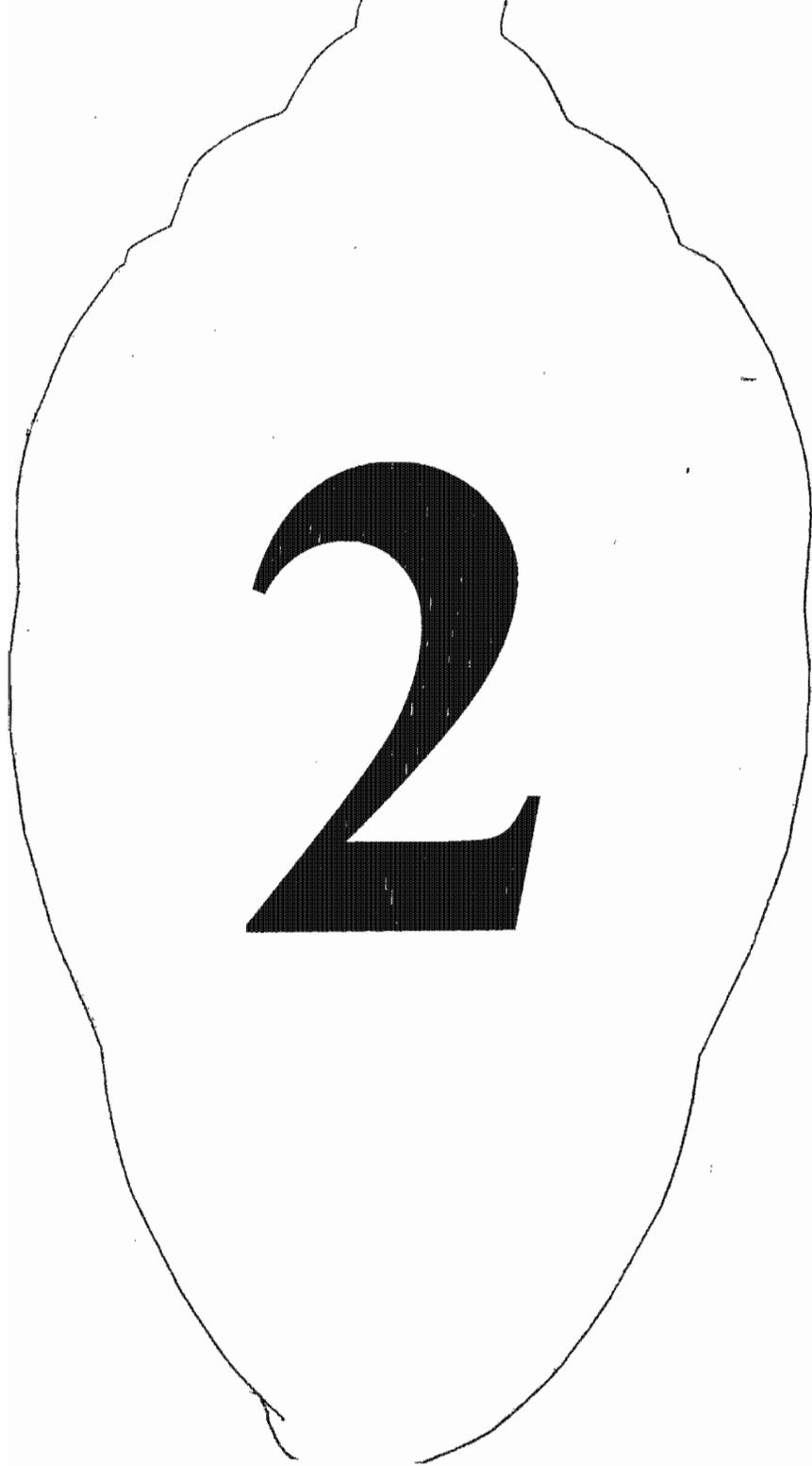
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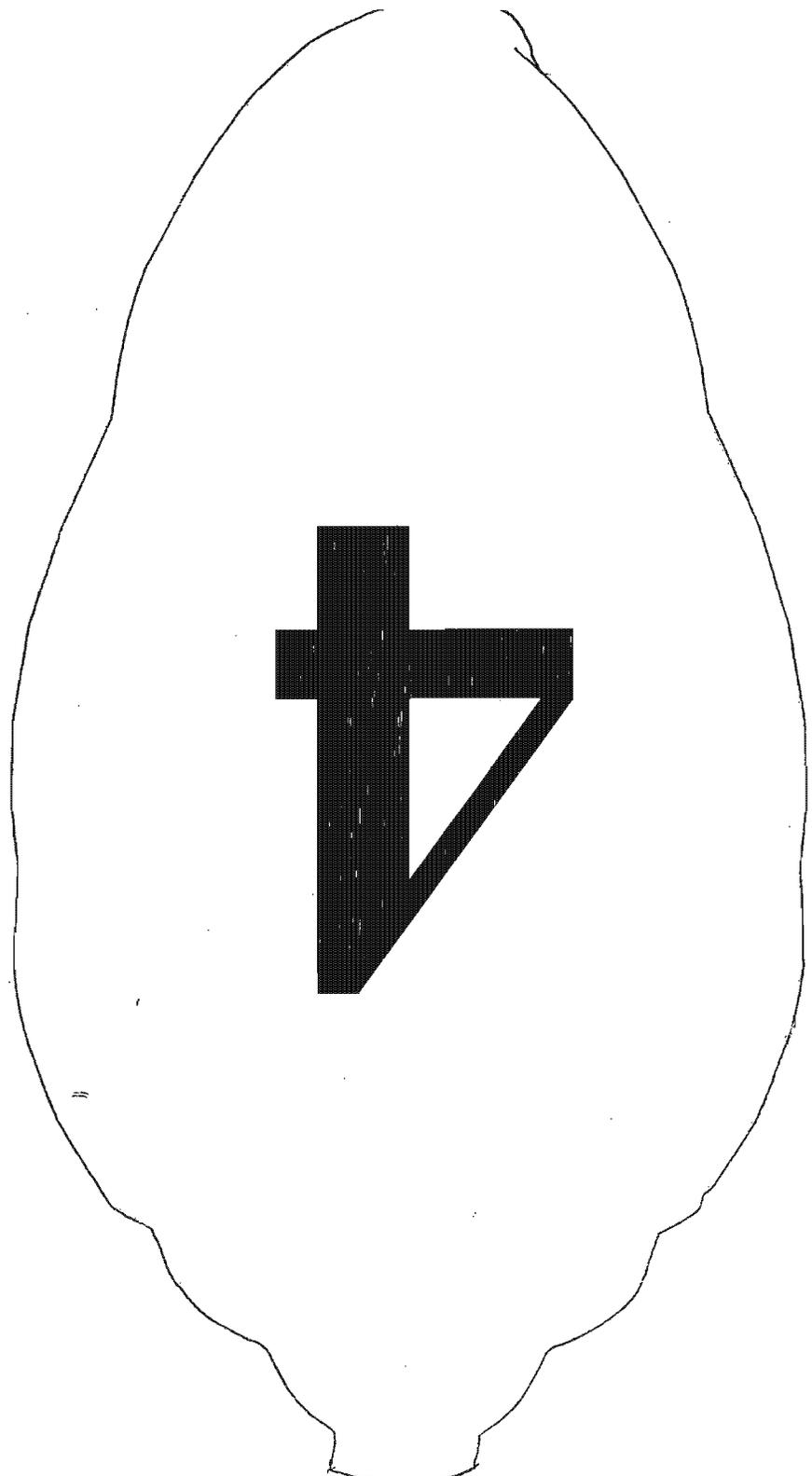
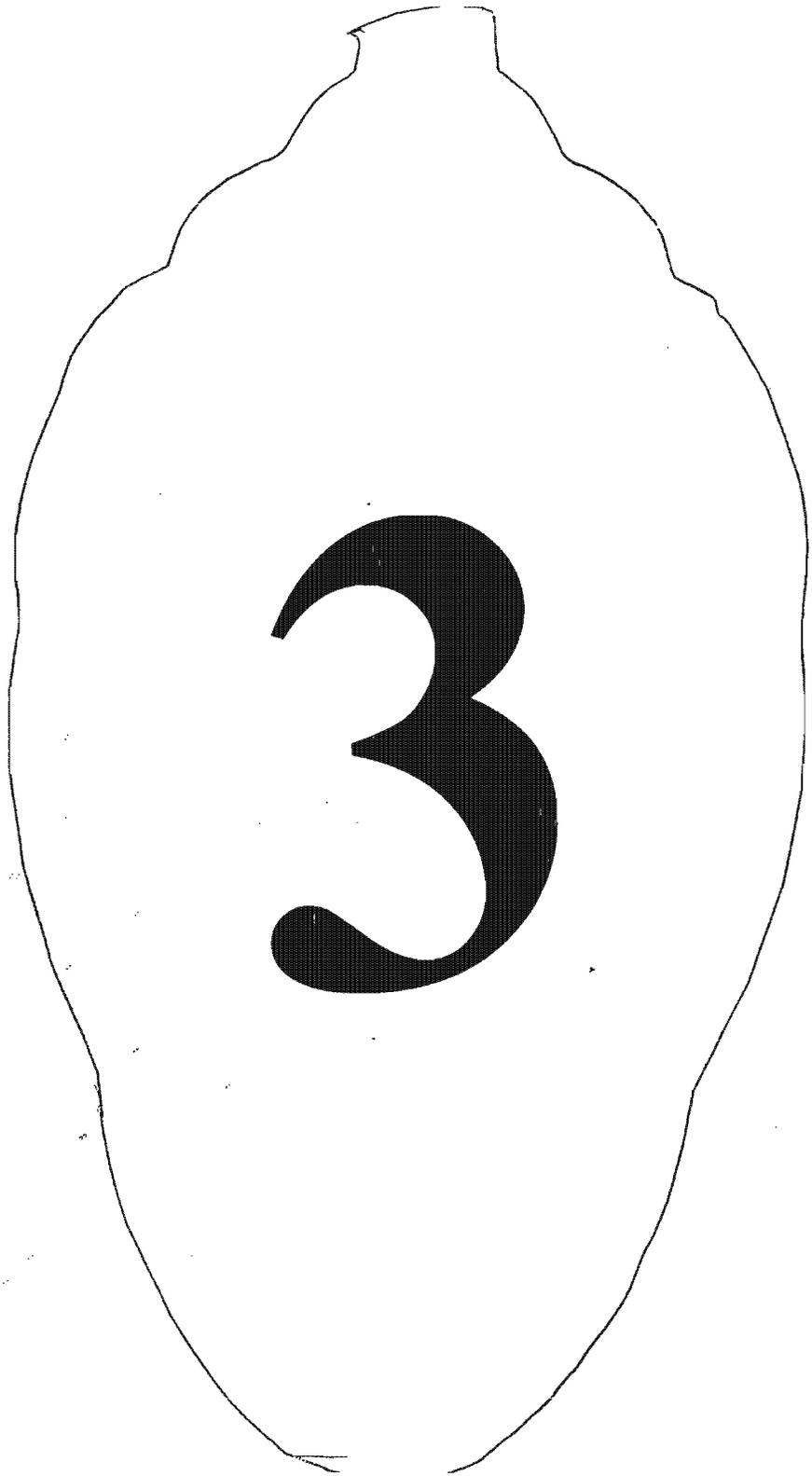


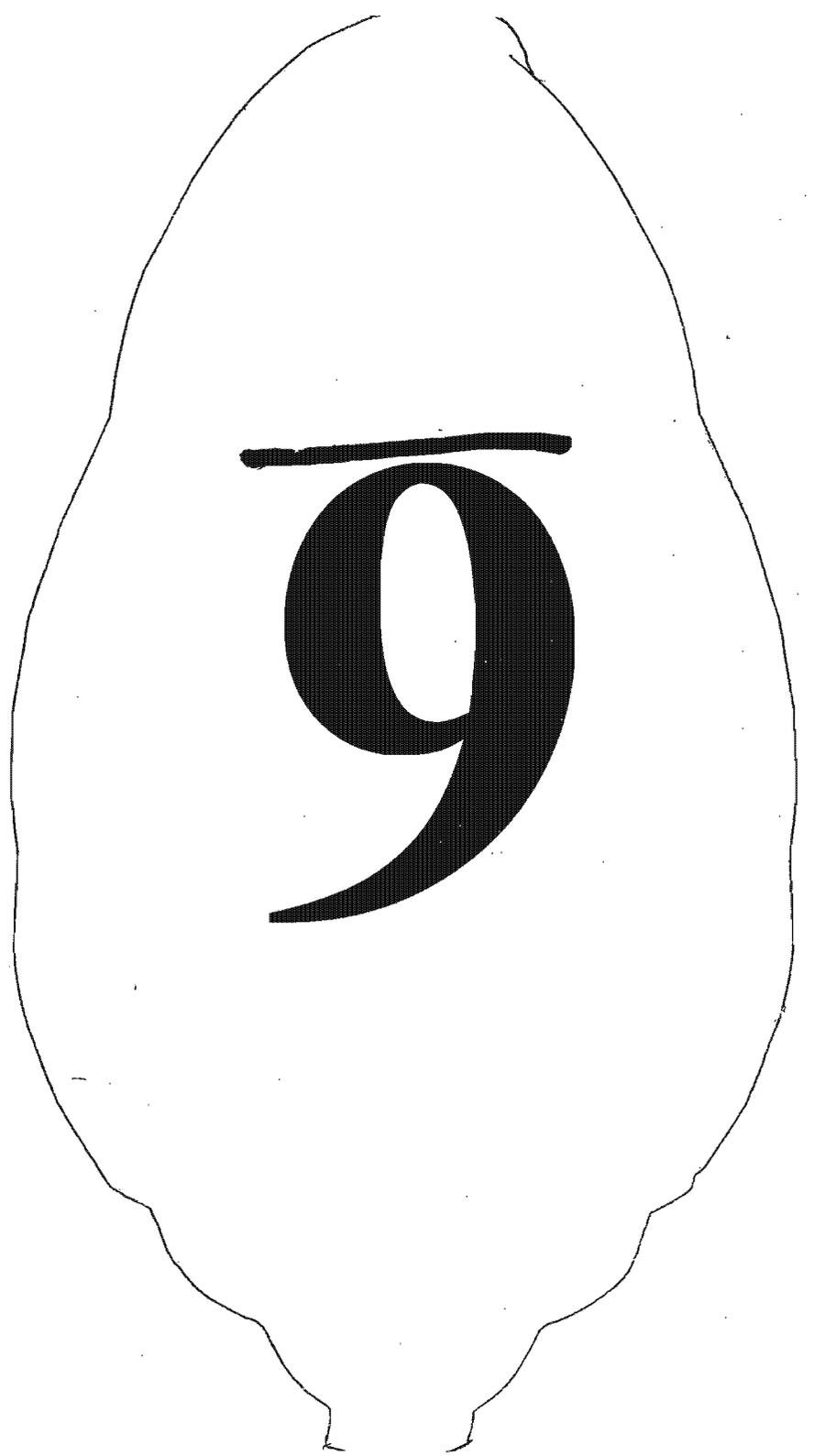
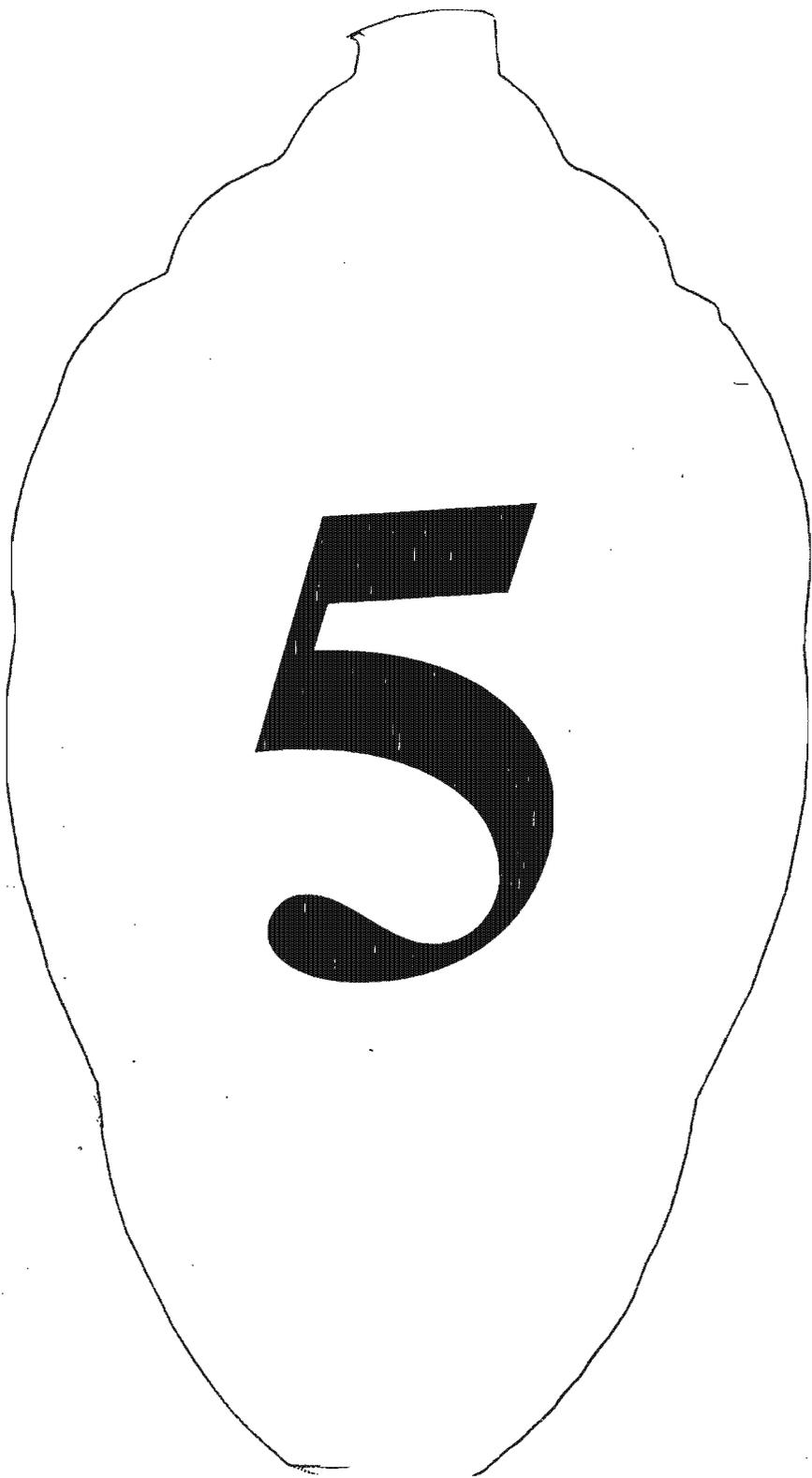
Small
medium
Large

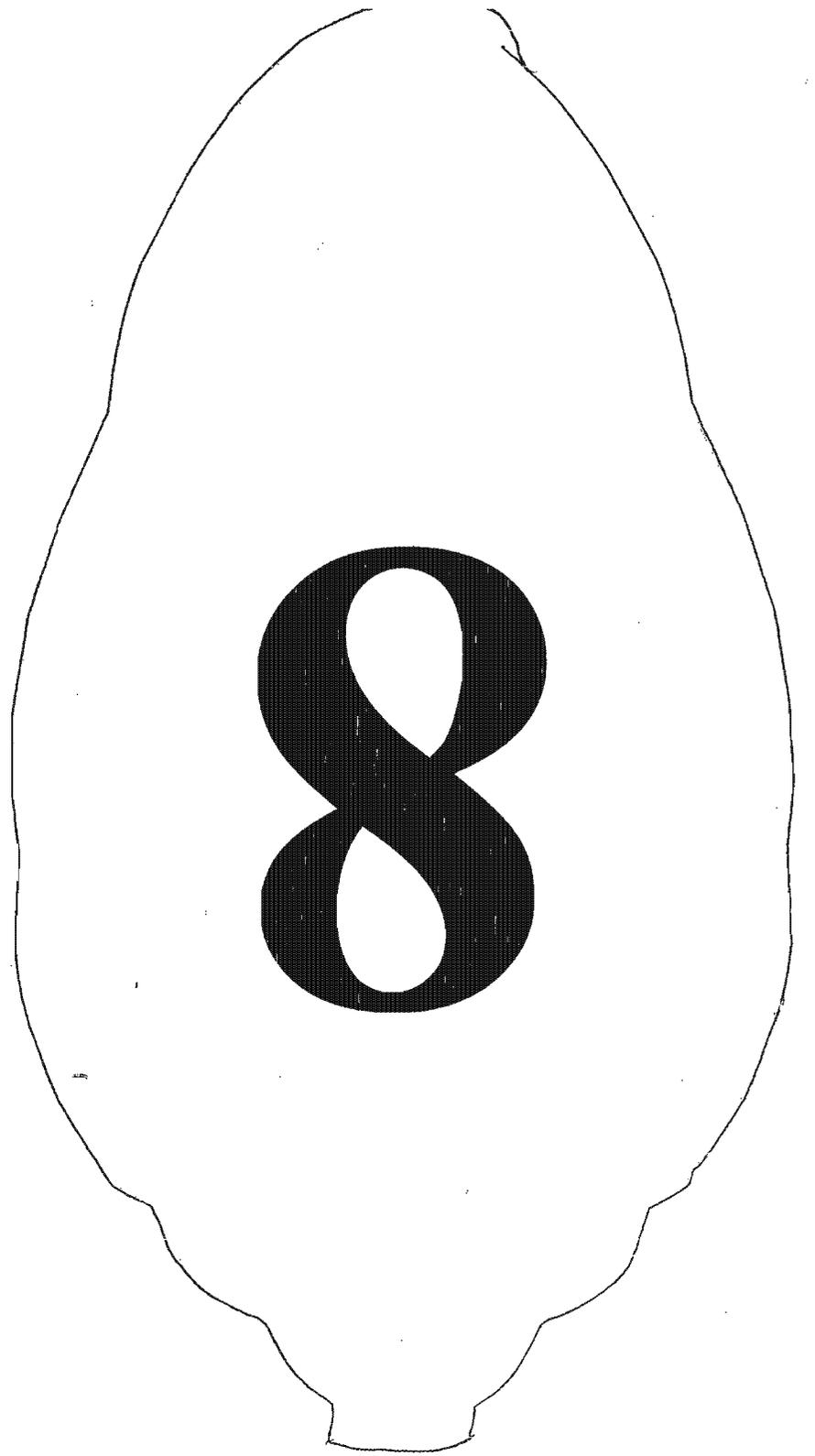
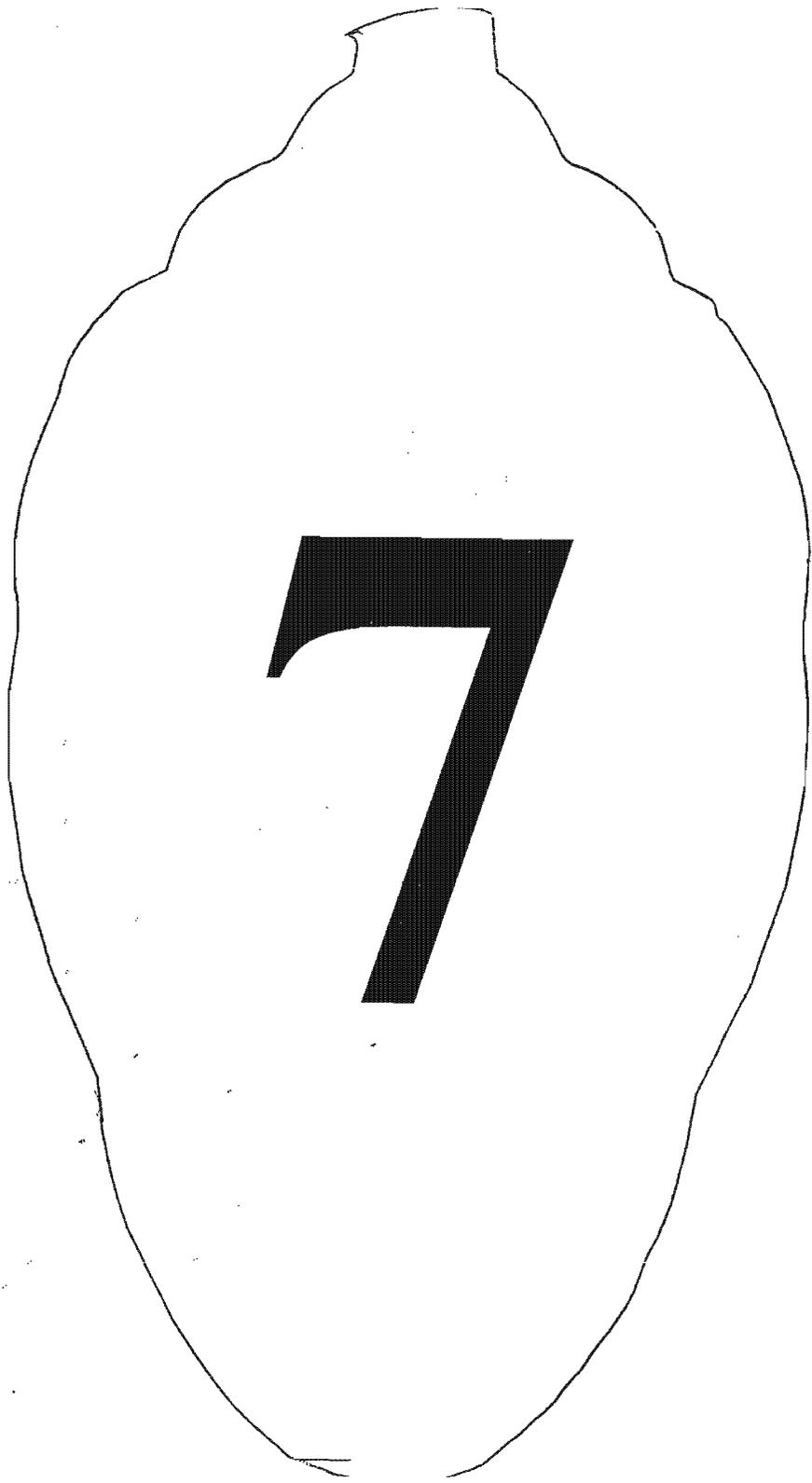


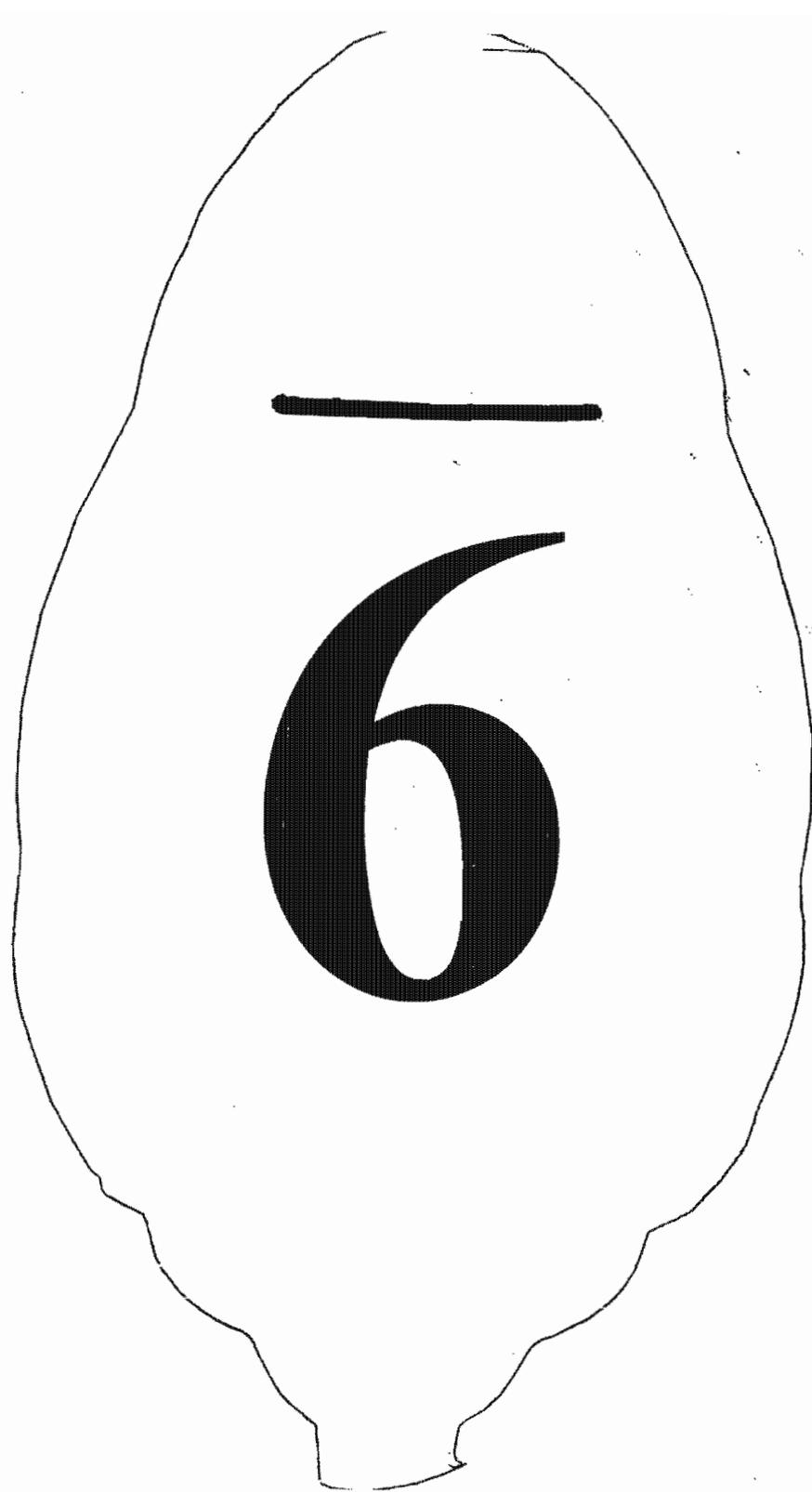
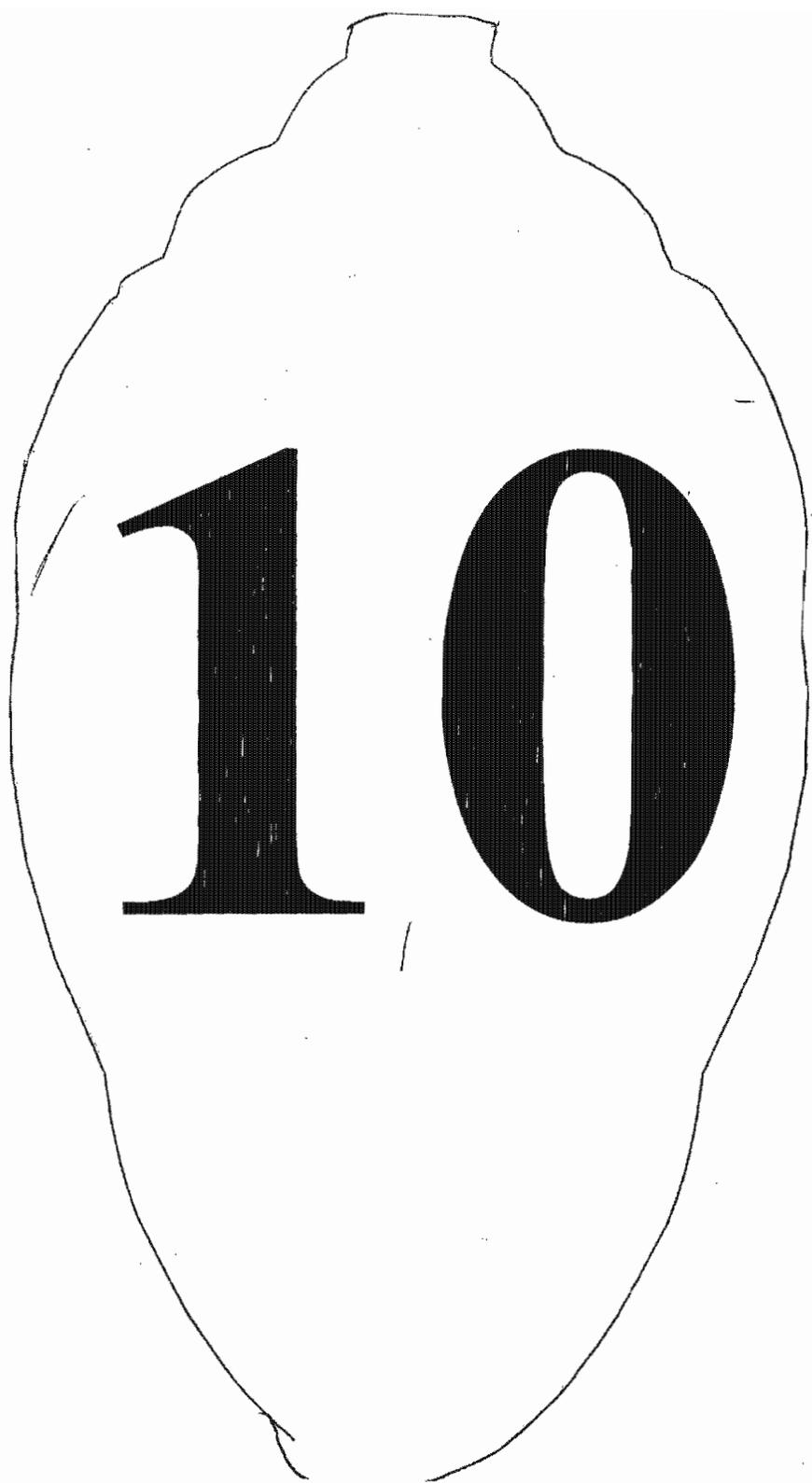
Butterfly

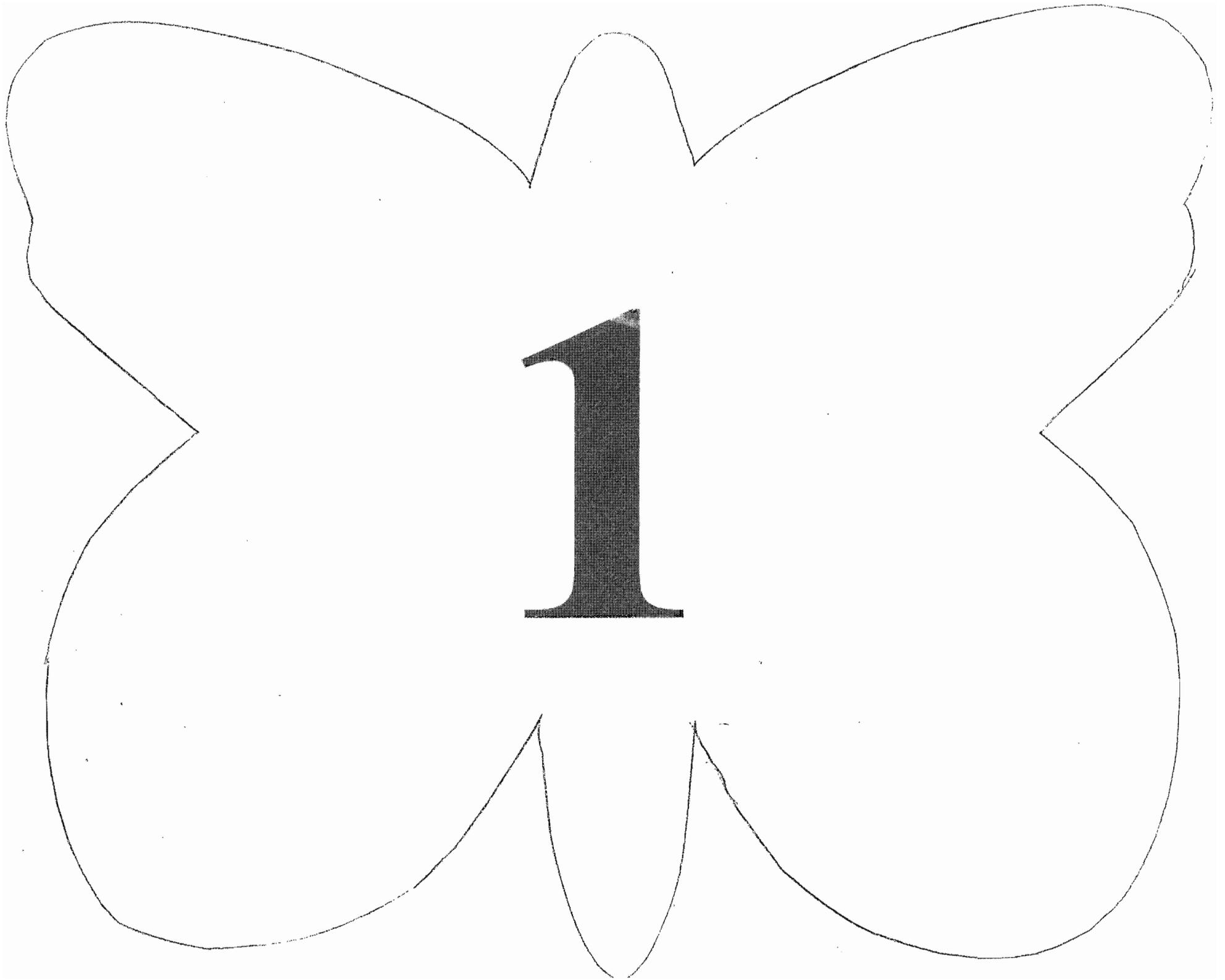


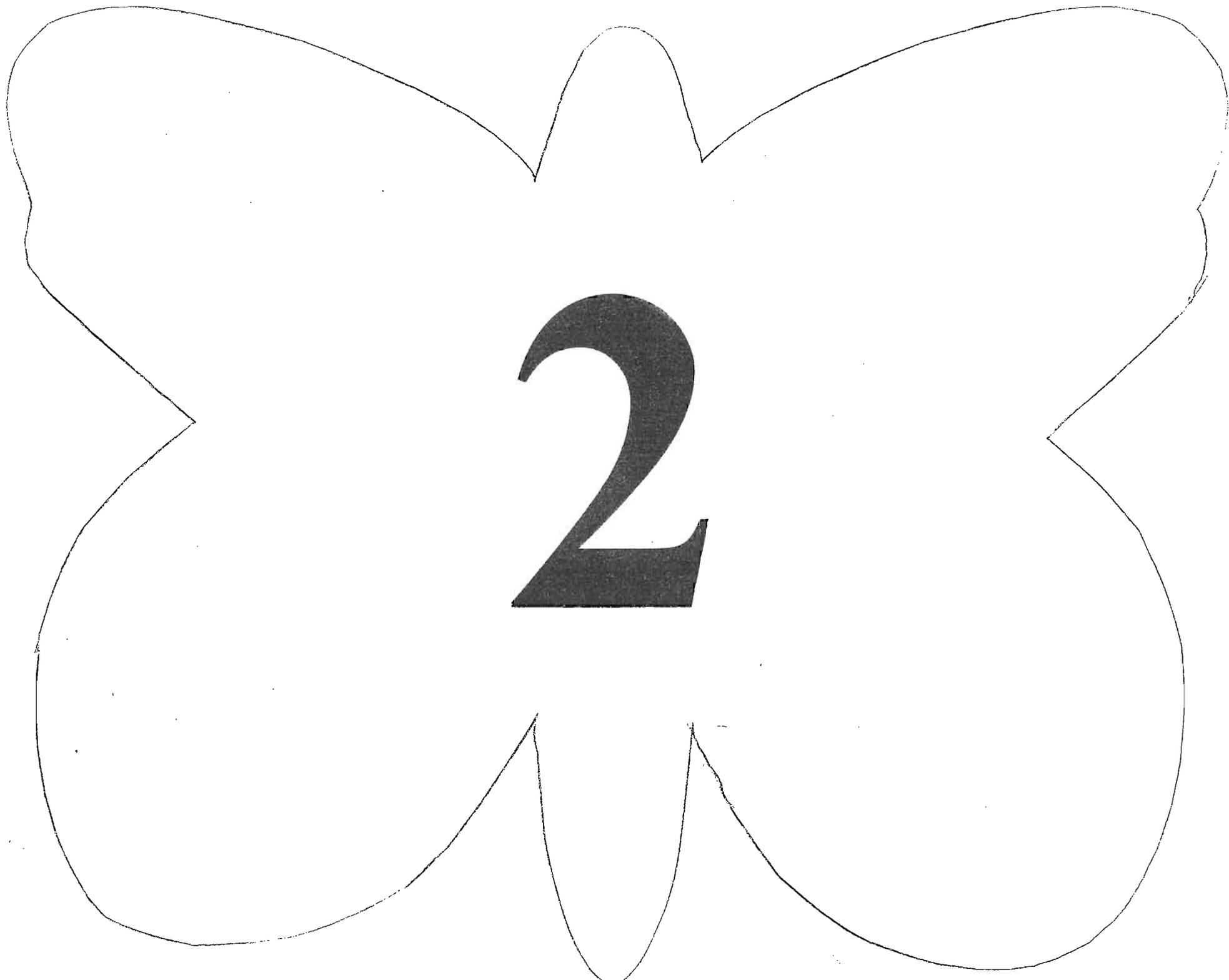




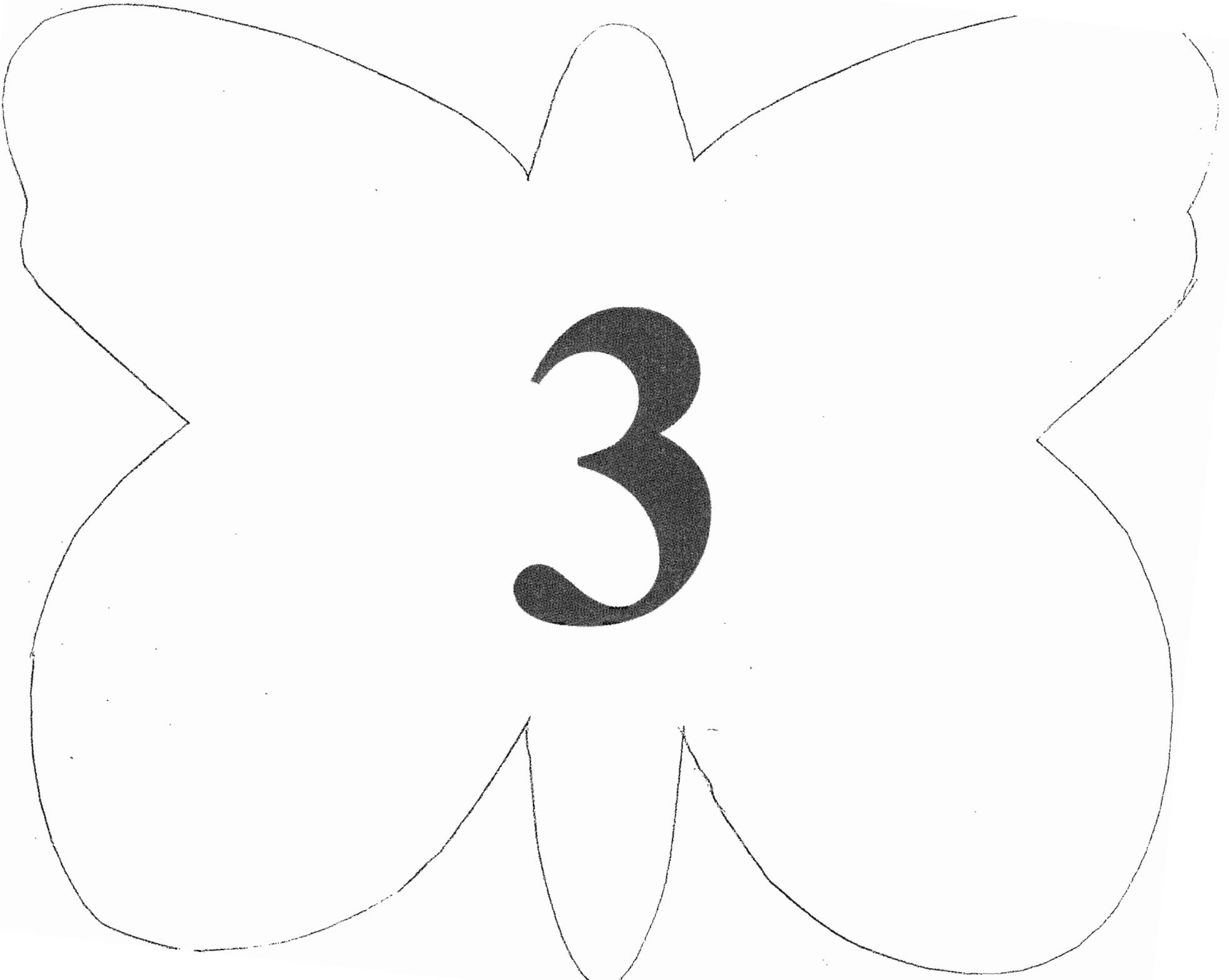


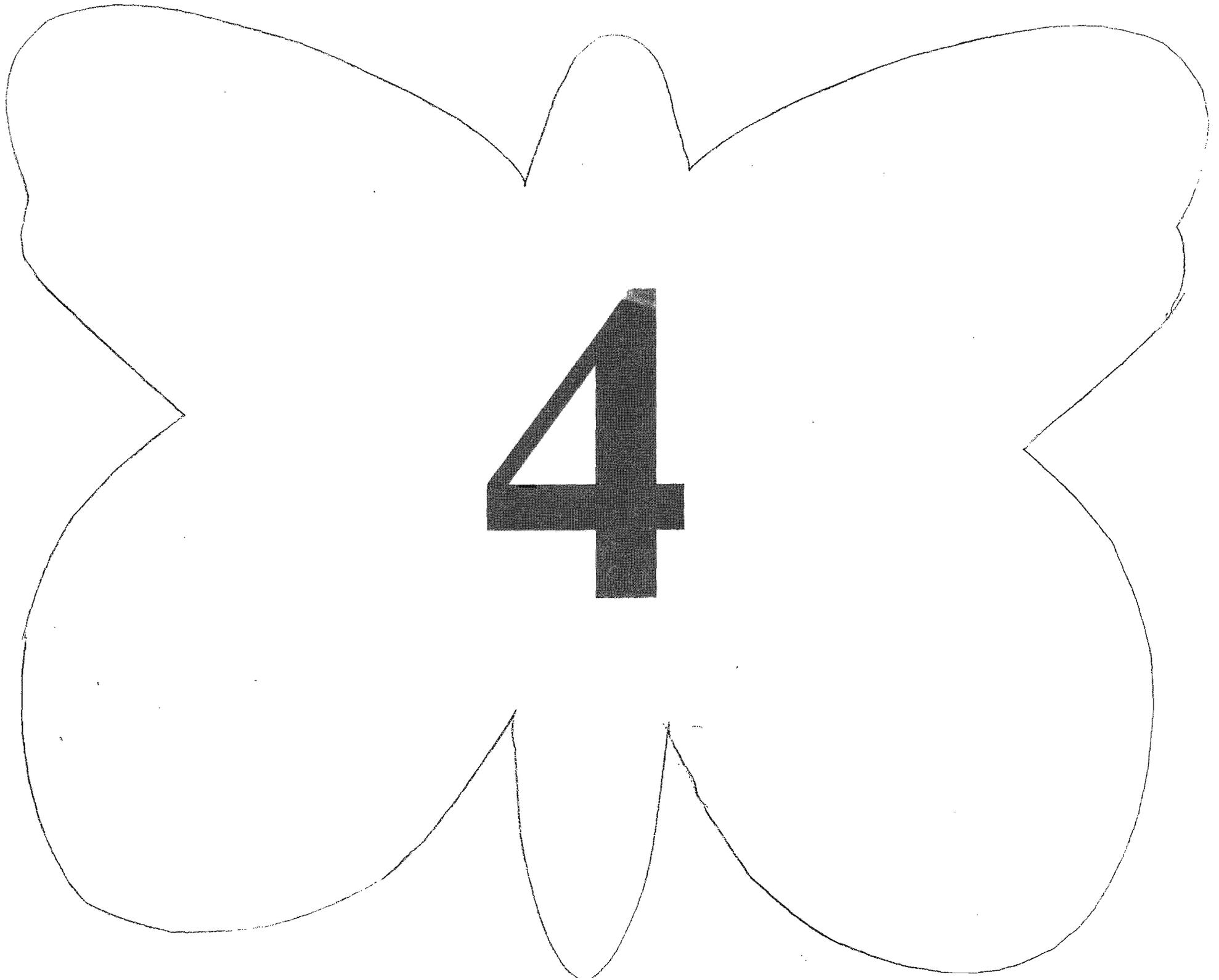


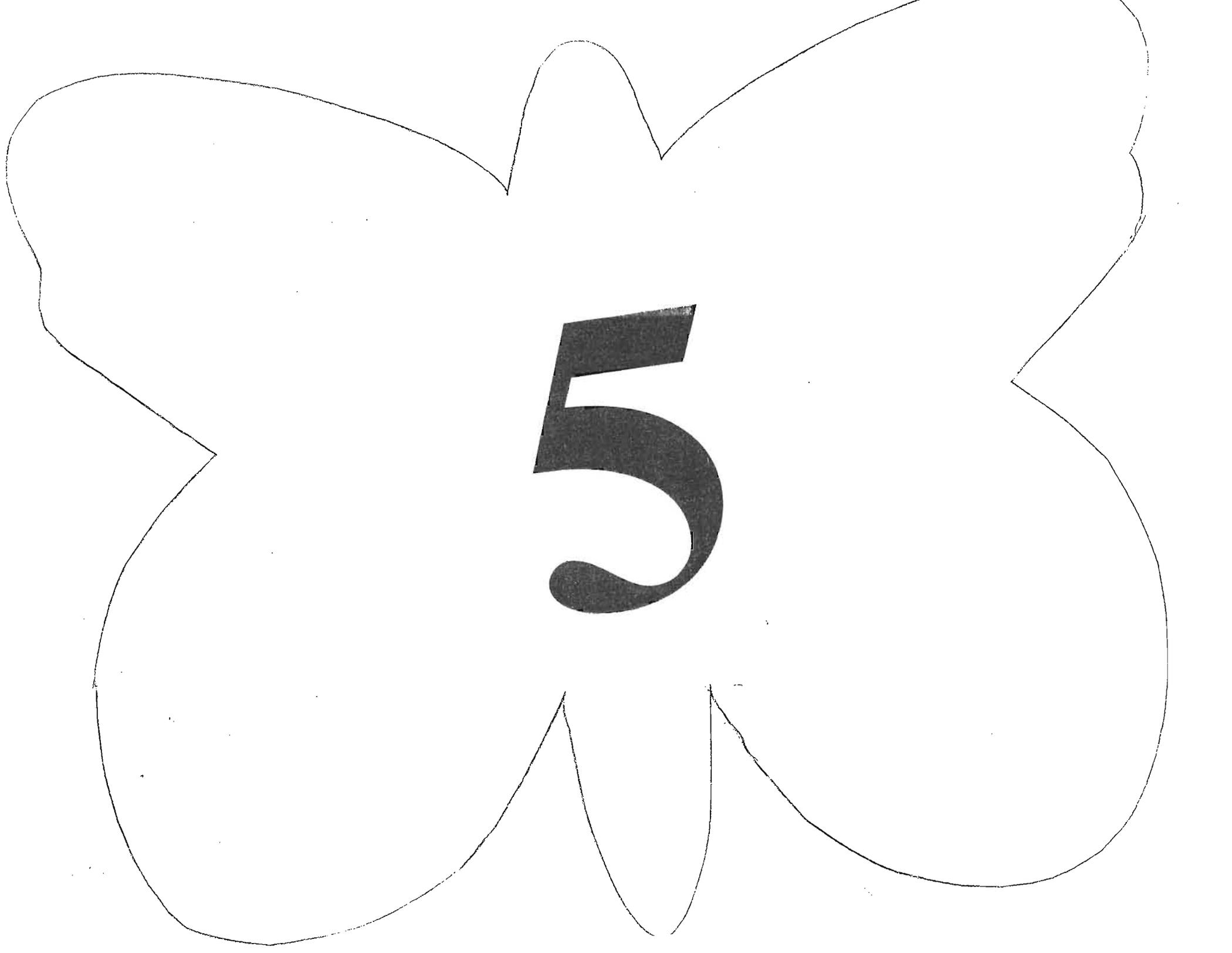




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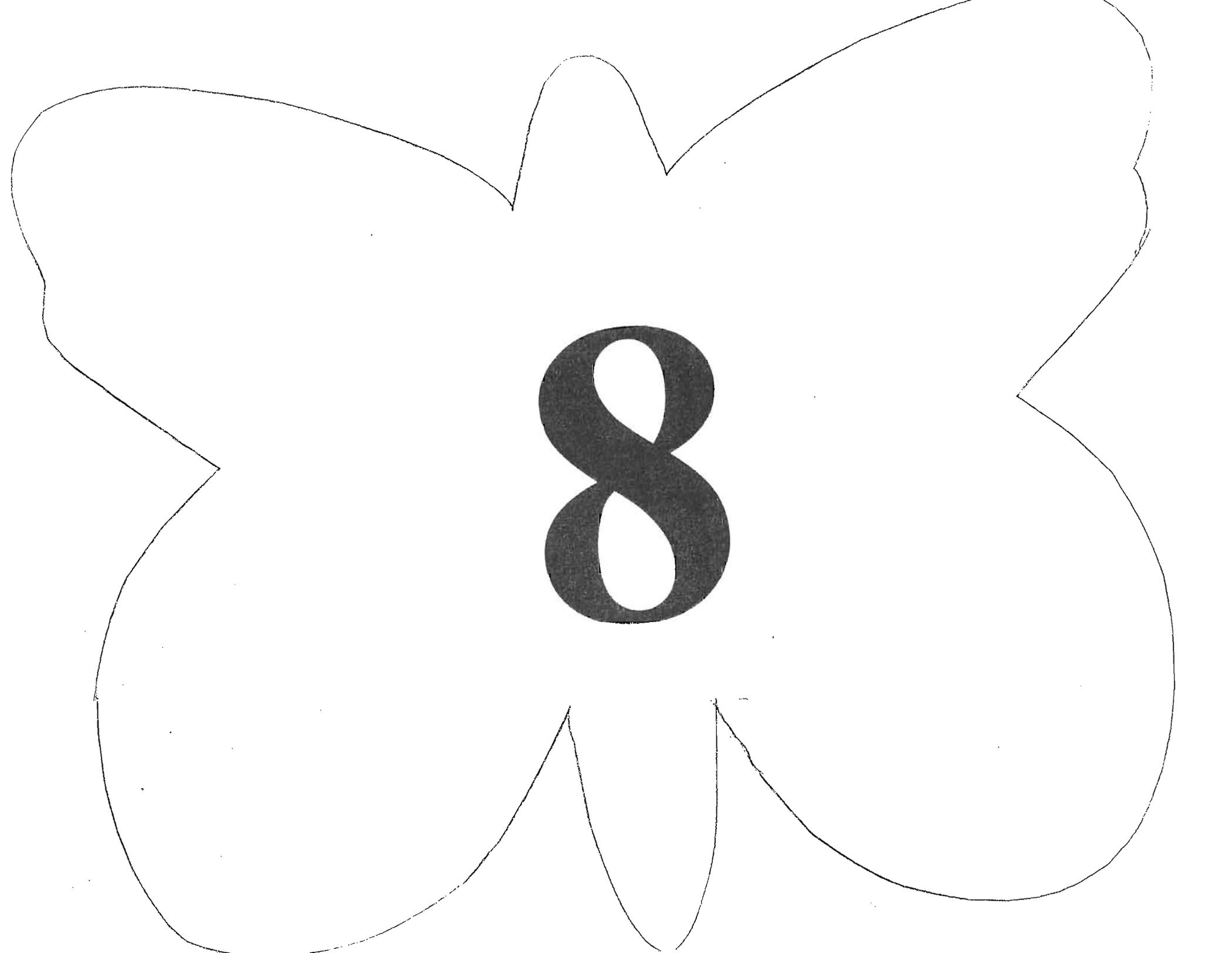




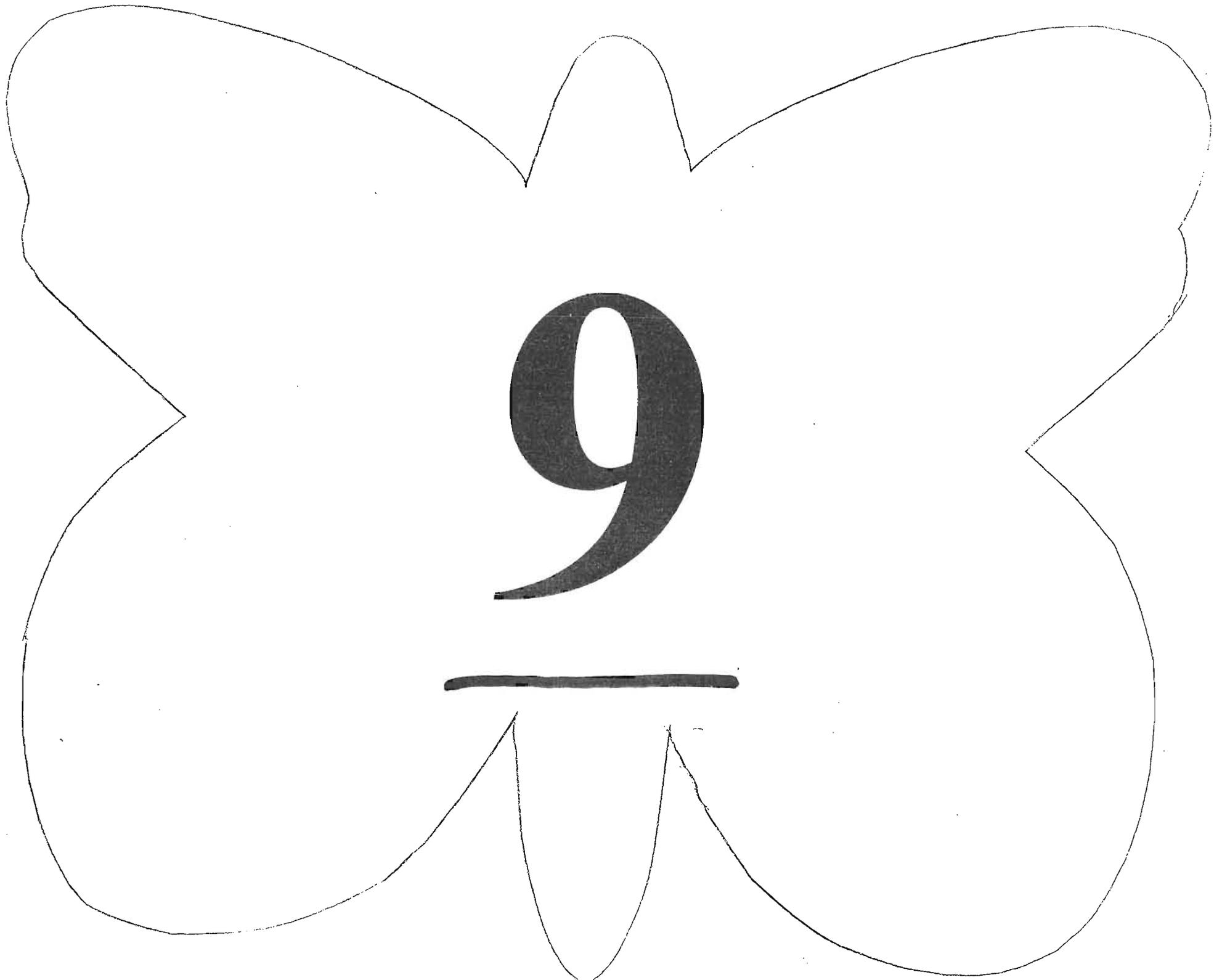
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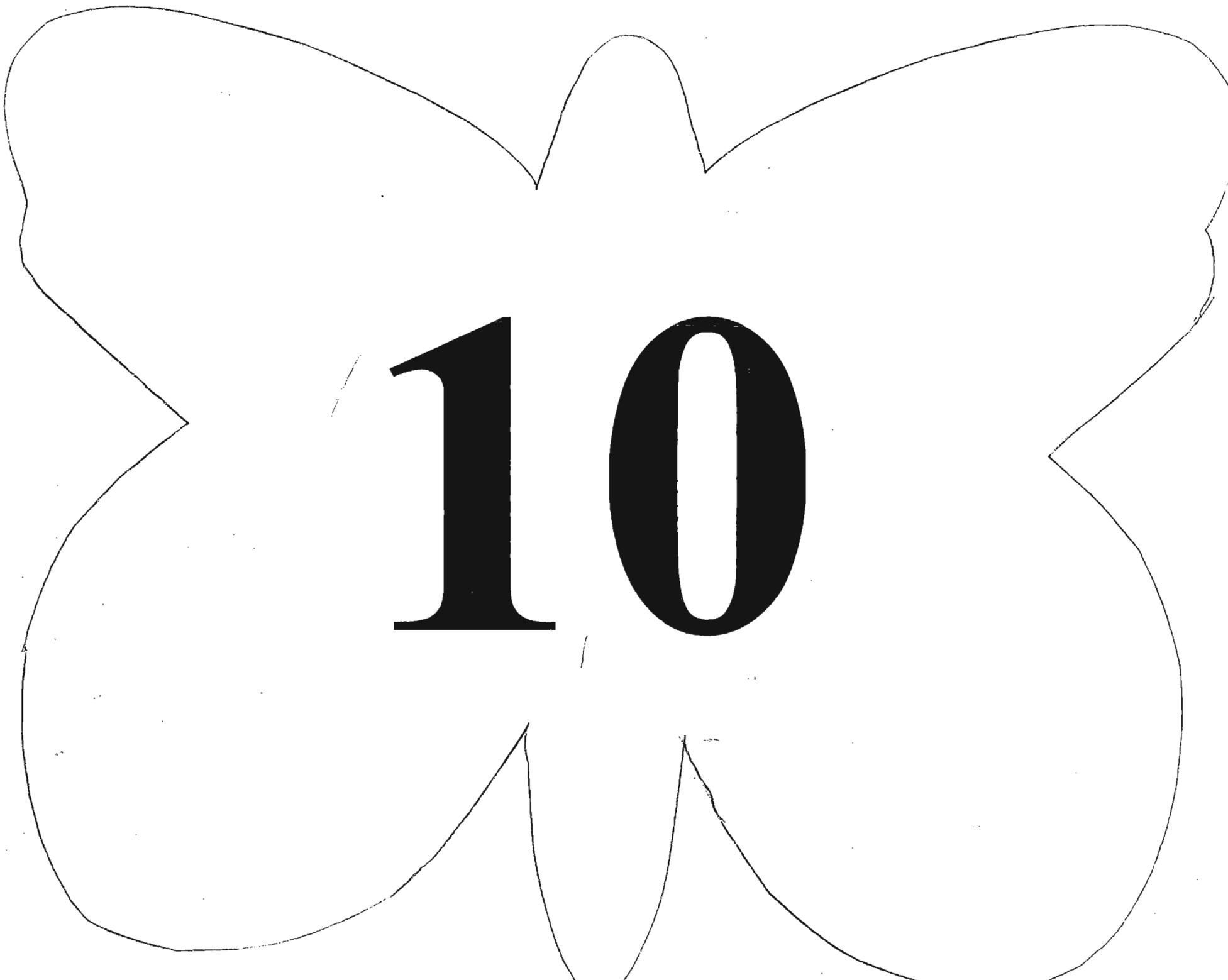
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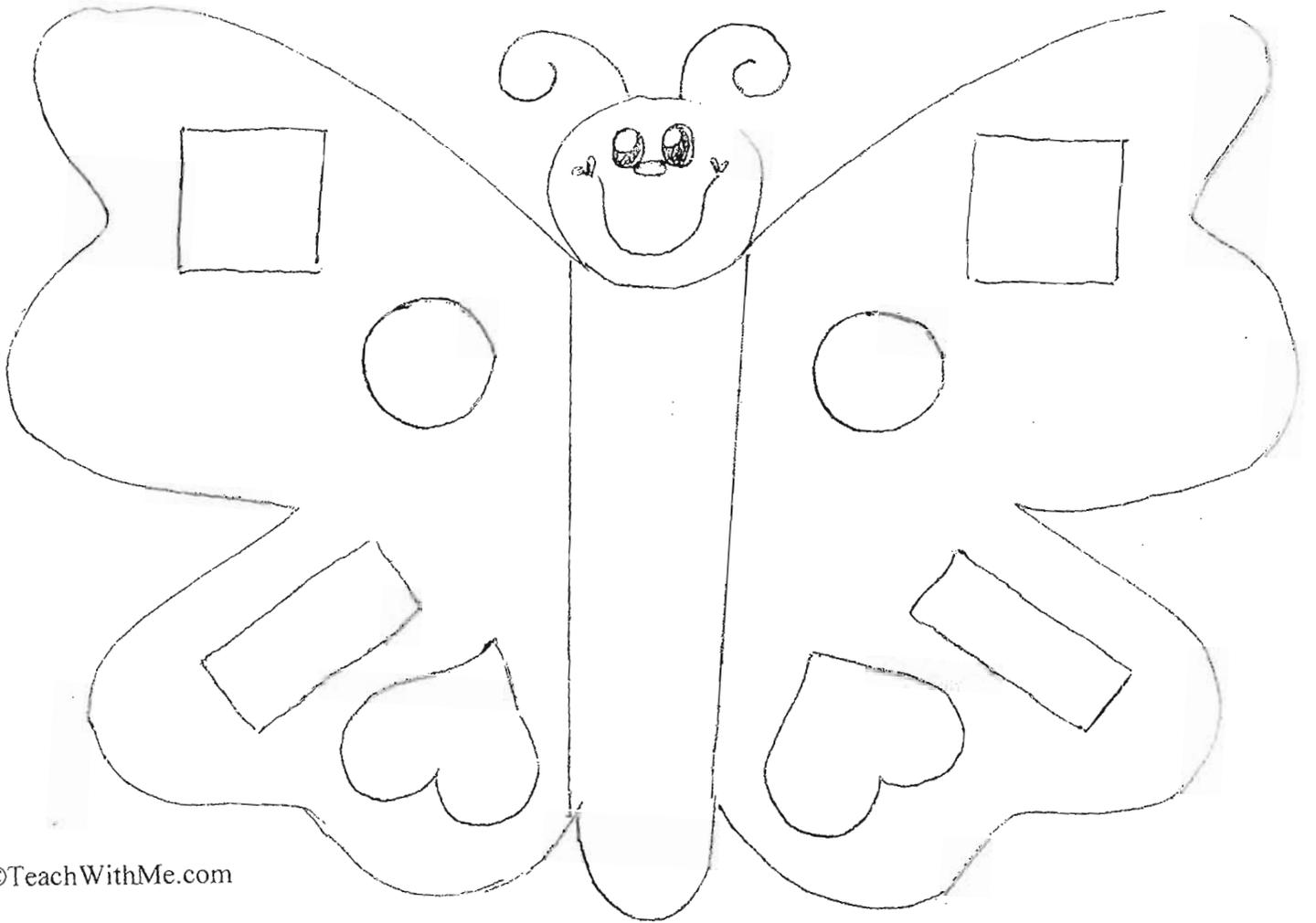




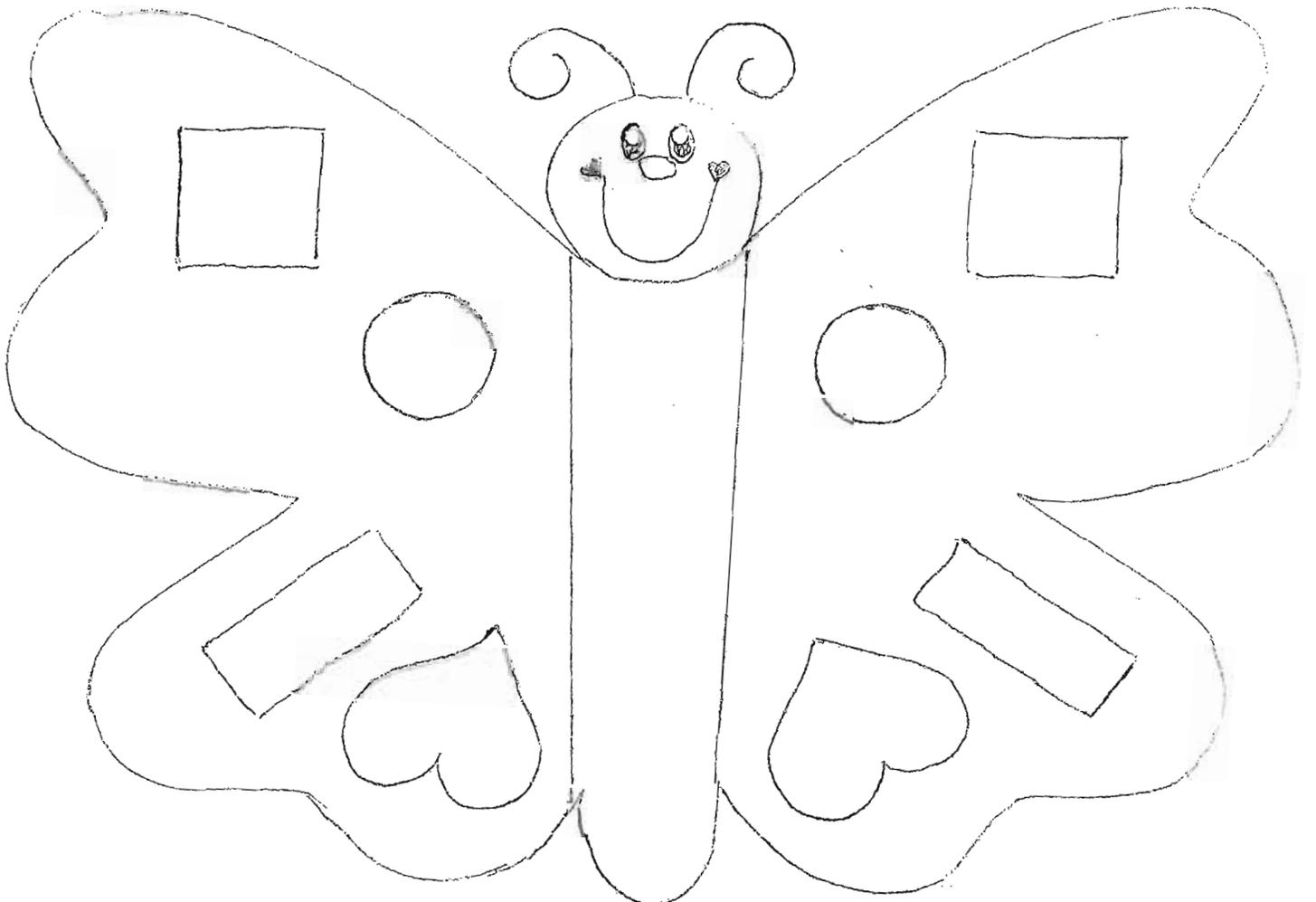
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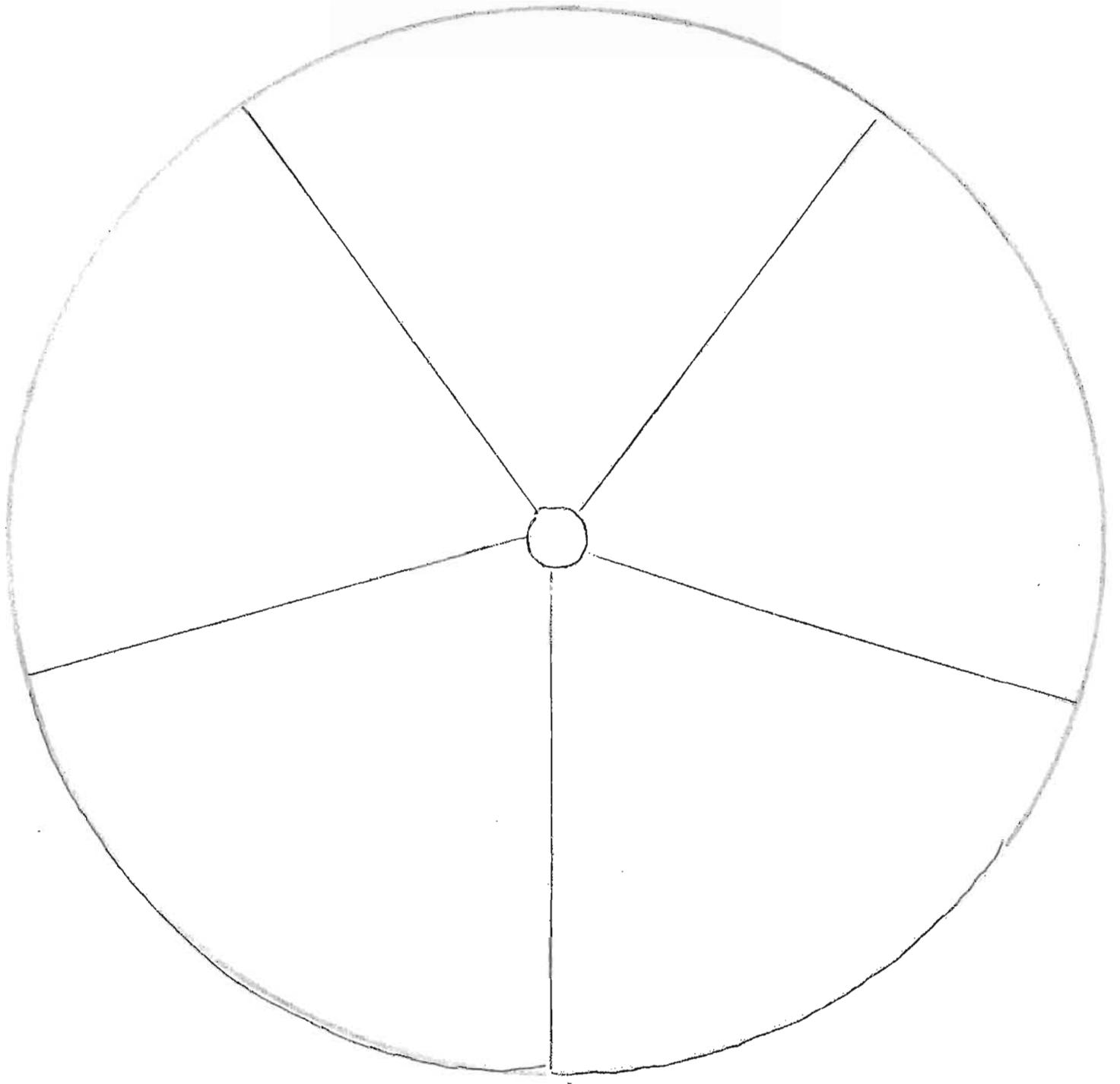
Butterfly Shape Spinning

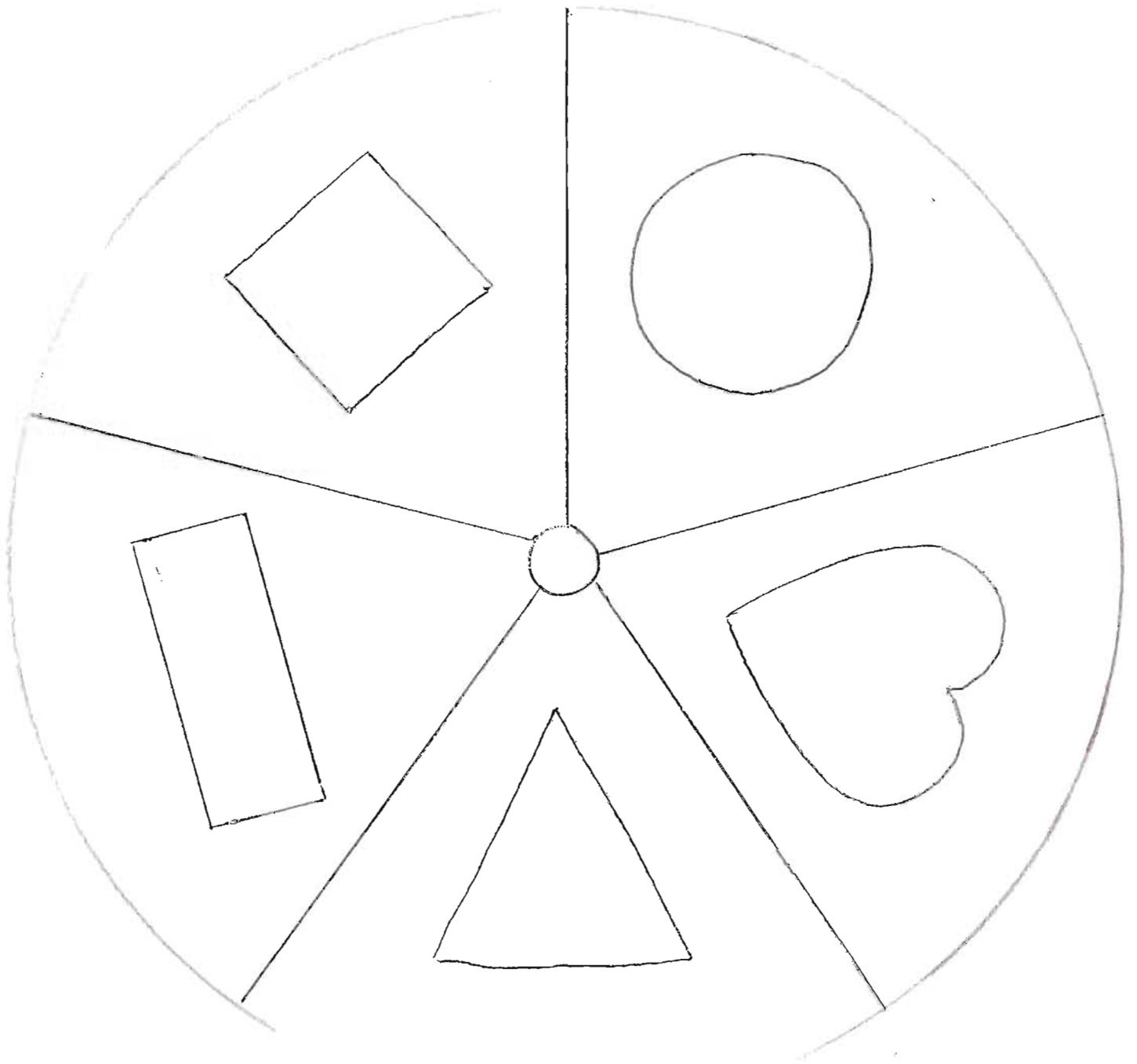
- Copy enough spinners for a class set.
- Color and Laminate them.
- Attach a spinner with a brad. (Teacher stores sell real metal spinners, or you can use metal clock hands sold at craft stores, or simply use a large paper clip.)
- Run off copies of the butterfly. (I like to put 2 butterflies on my templates to not only conserve paper, but not have the children spend too much time coloring in the shape. You can enlarge it if you desire.)
- Children play in groups of 2-4
- Each child takes a turn spinning. They color in that matching SHAPE with the matching COLOR crayon on their butterfly.
- I review SHAPES and COLORS with this lesson. My Young Fives know their colors in English, Spanish & Sign Language so game-playing is a great way for a “quick review”.
- So that all of the colors of the rainbow are represented, I have the children write their name VERTICALLY down the MIDDLE of the butterfly’s body in PURPLE.
- I also teach **Spatial Placement, Symmetry and Left & Right** with this game. Whatever they color on the LEFT has to also be colored on the RIGHT.
- You can make the game last longer, by having them only color one side in first, then the next. (Because I’m teaching my Y5’s to always start on the LEFT side of the paper, that’s the side I want them to color first.)
- If they have already spun that color they pass the spinner to the next child.
- Play continues ‘til one child has all of their shapes colored in.
- I give everyone a butterfly sticker if they have shown “good sportsmanship”. The “winner” gets two stickers. They put these right on their papers.
- Higher grades can program the plain butterfly template with upper-grade shapes like hexagons and octagons etc.

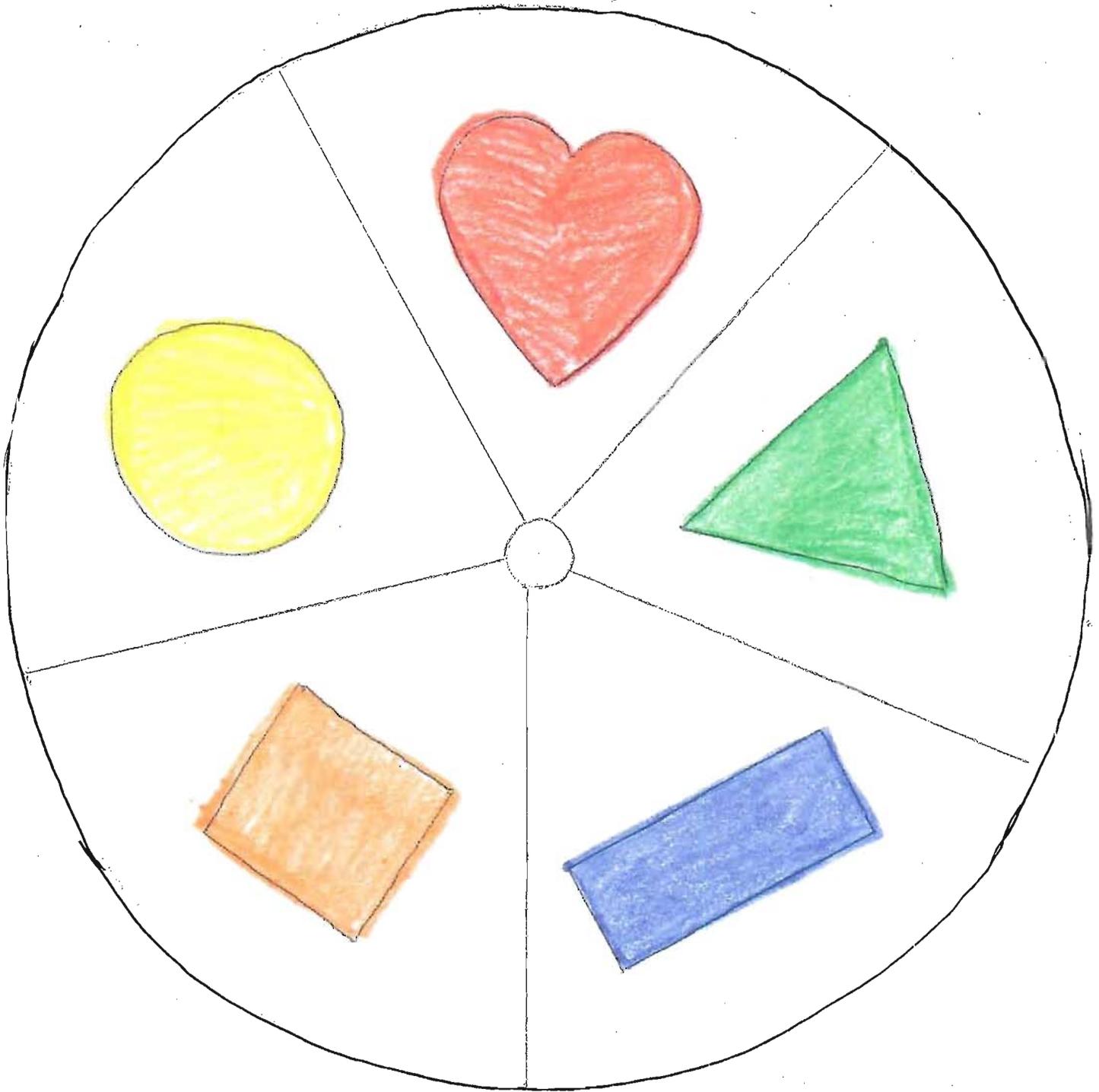


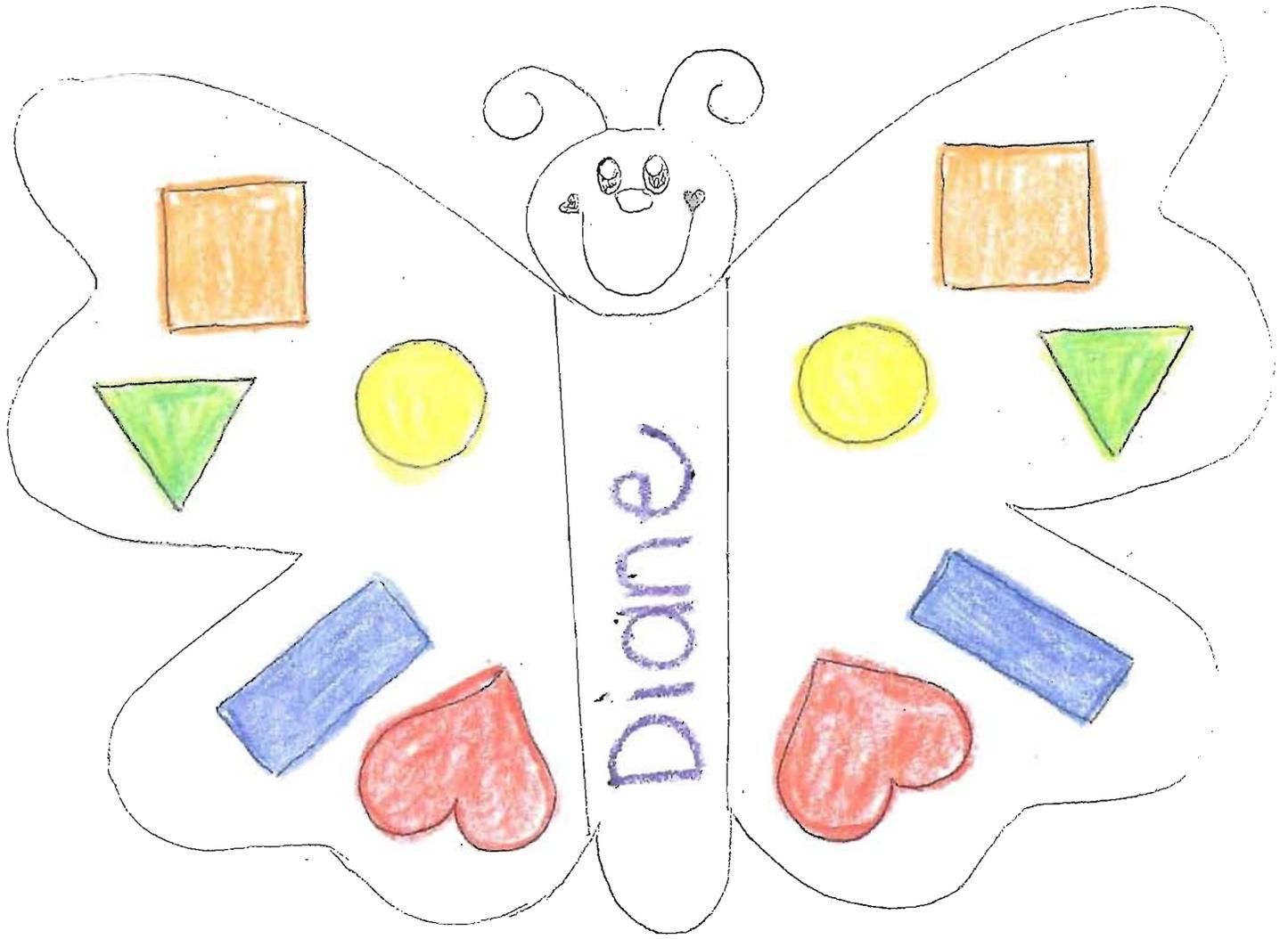
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Diane

Butterflies Come In Many

Shapes

By Diane L. Flohr

To the tune of: *Three Blind Mice*

Sing this song with the

Shaped butterfly manipulative.

Shapes

Shapes

Shapes

My butterfly is a shape

My butterfly is a shape

Did you ever see a shape like this?

It's truly one you don't want to miss

My butterfly's wings are triangles

Shapes

Shapes

Triangle!

Shapes

Shapes

Shapes

My butterfly is a shape

My butterfly is a shape

Did you ever see a shape like this?

It's truly one you don't want to miss.

My butterfly's wings are squares you see

They help her fly happily.

Shapes

Shapes

Square!

Shapes

Shapes

Shapes

My butterfly is a shape

My butterfly is a shape

Did you ever see a shape like this?

It's truly one you don't want to miss.

My butterfly's wings are rectangles.

Shapes

Shapes

Rectangle!

Shapes

Shapes

Shapes

My butterfly is a shape

My butterfly is a shape

Did you ever see a shape like this?

It's truly one you don't want to miss

My butterfly's wings are circles you see

They help her fly happily

Shapes

Shapes

Circle!

Shapes

Shapes

Shapes

My butterfly is a shape

My butterfly is a shape

Did you ever see a shape like this?

It's truly one you don't want to miss,

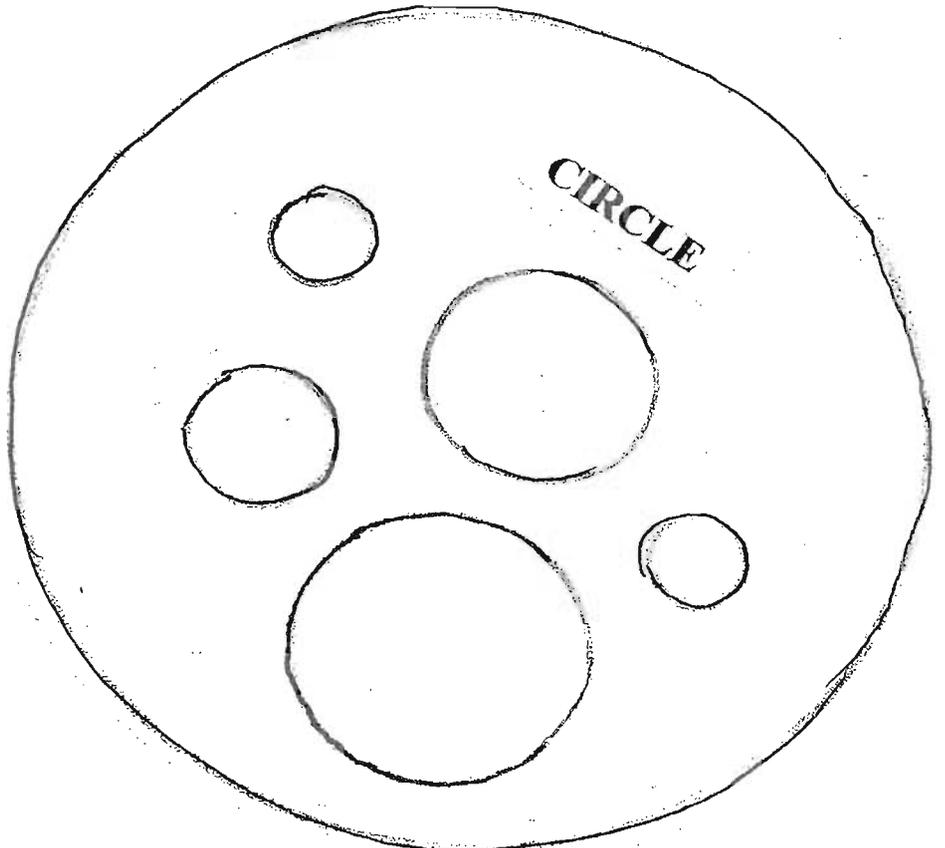
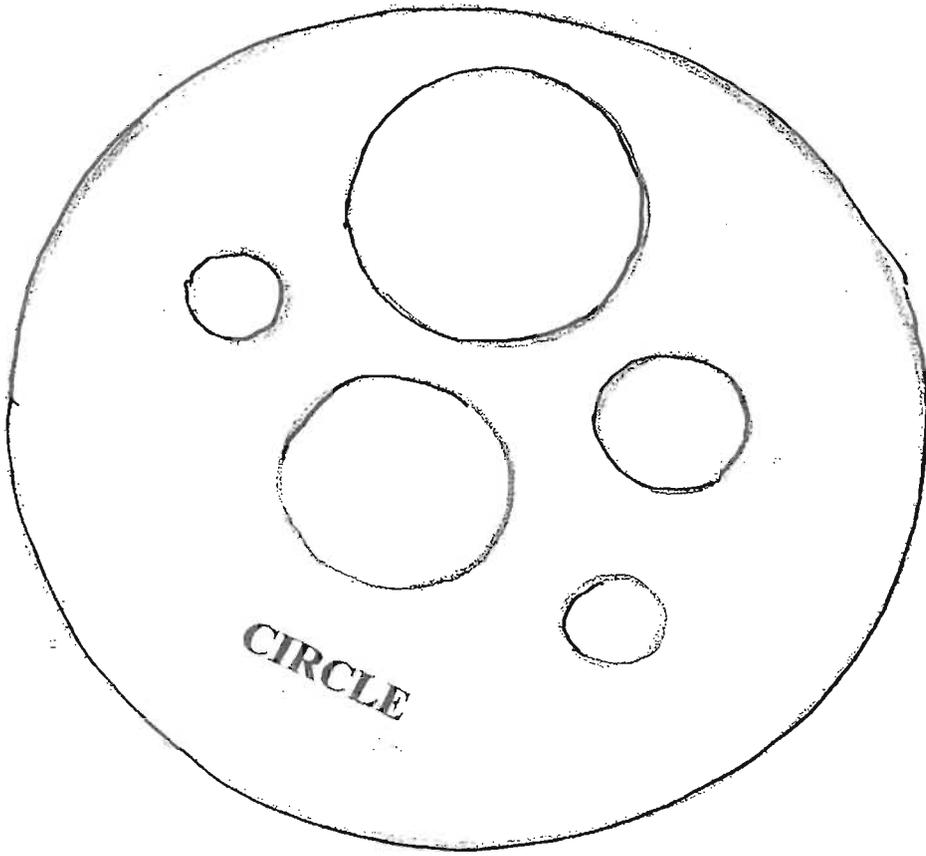
Circles, Triangles,

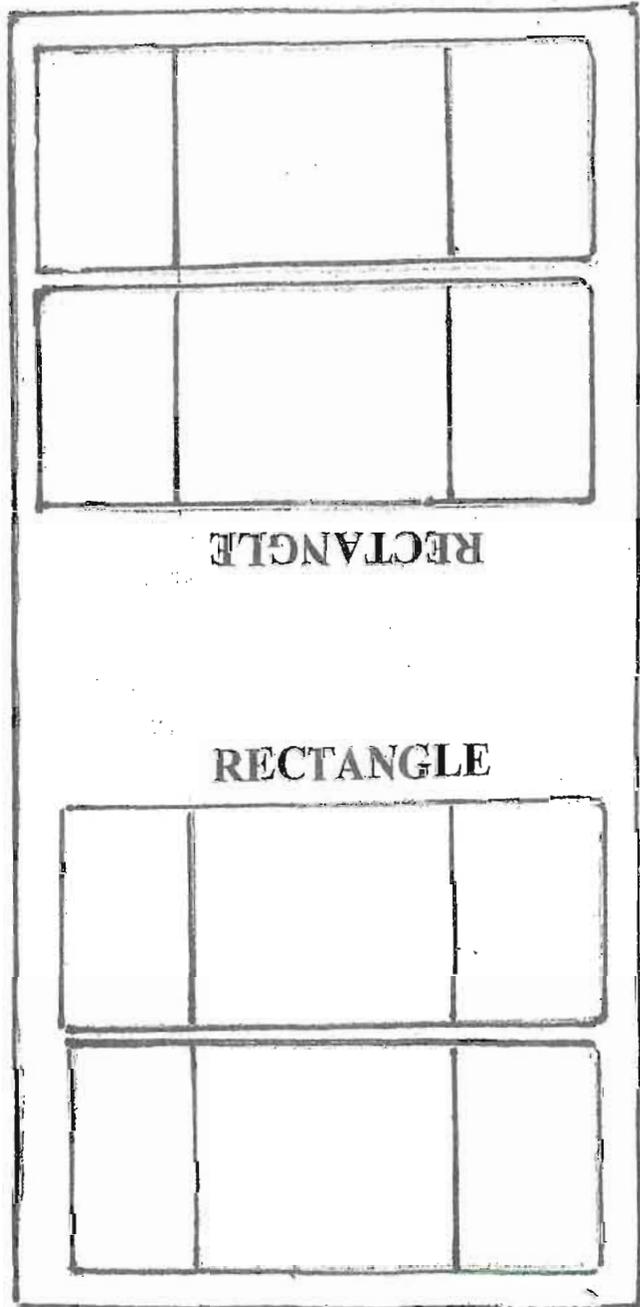
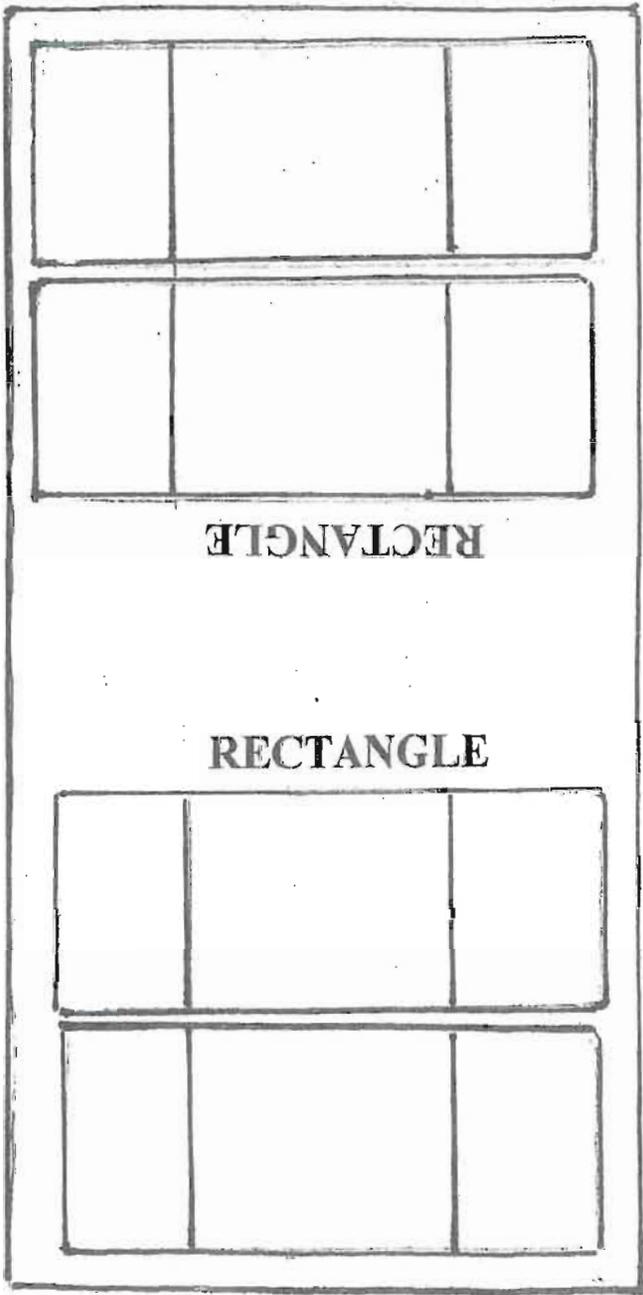
Rectangles, Squares

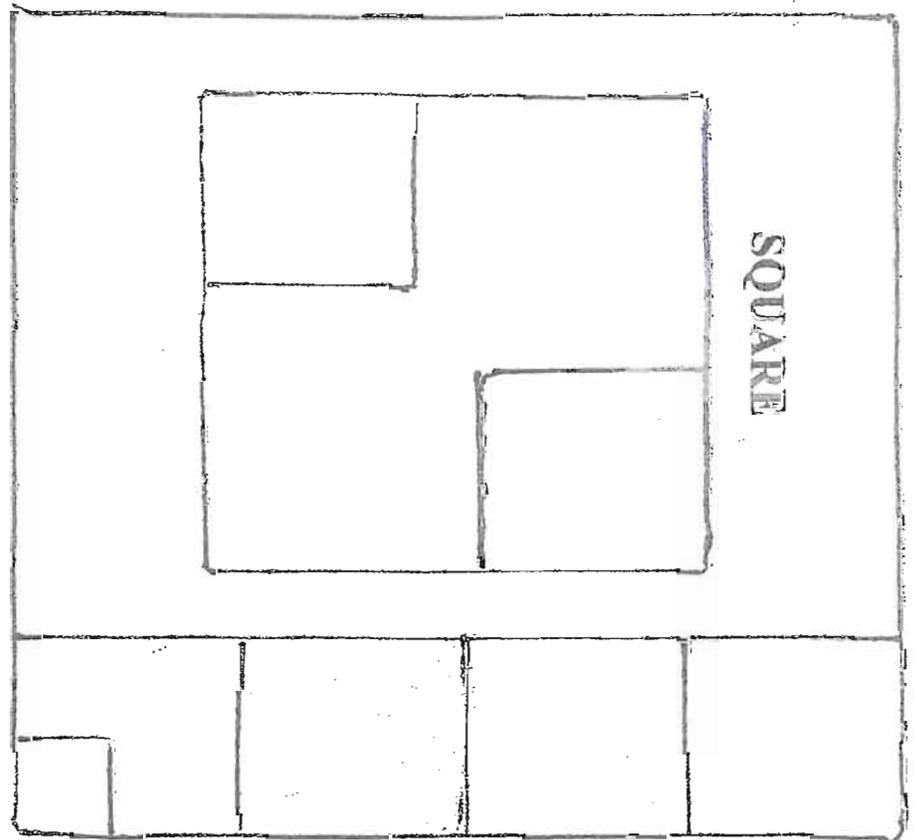
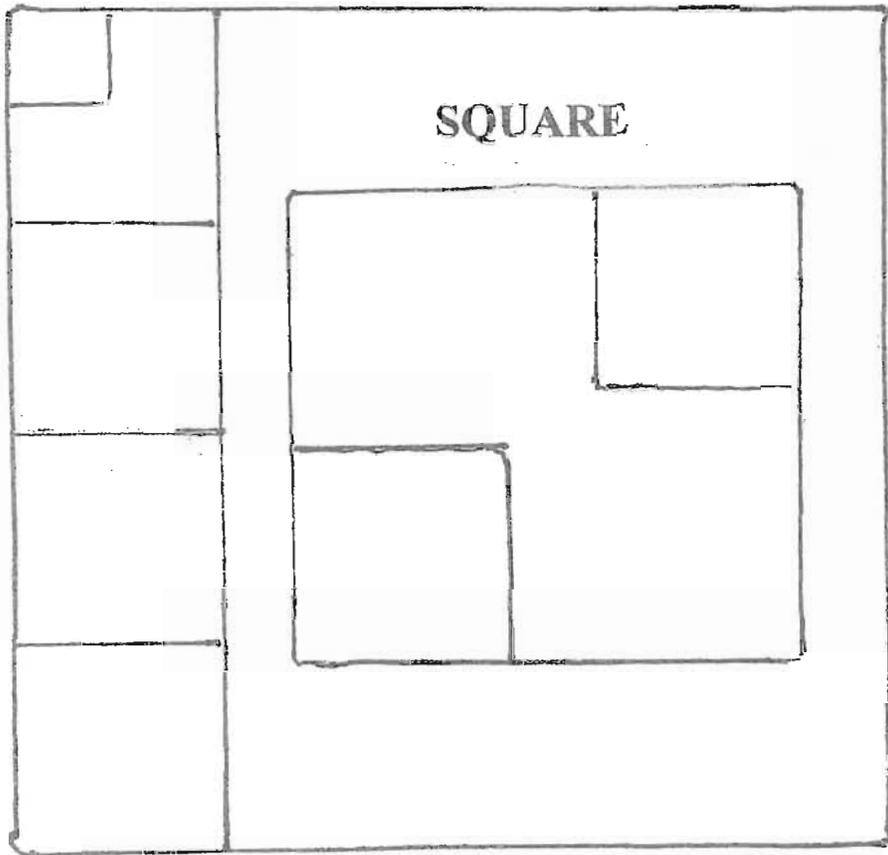
Shapes

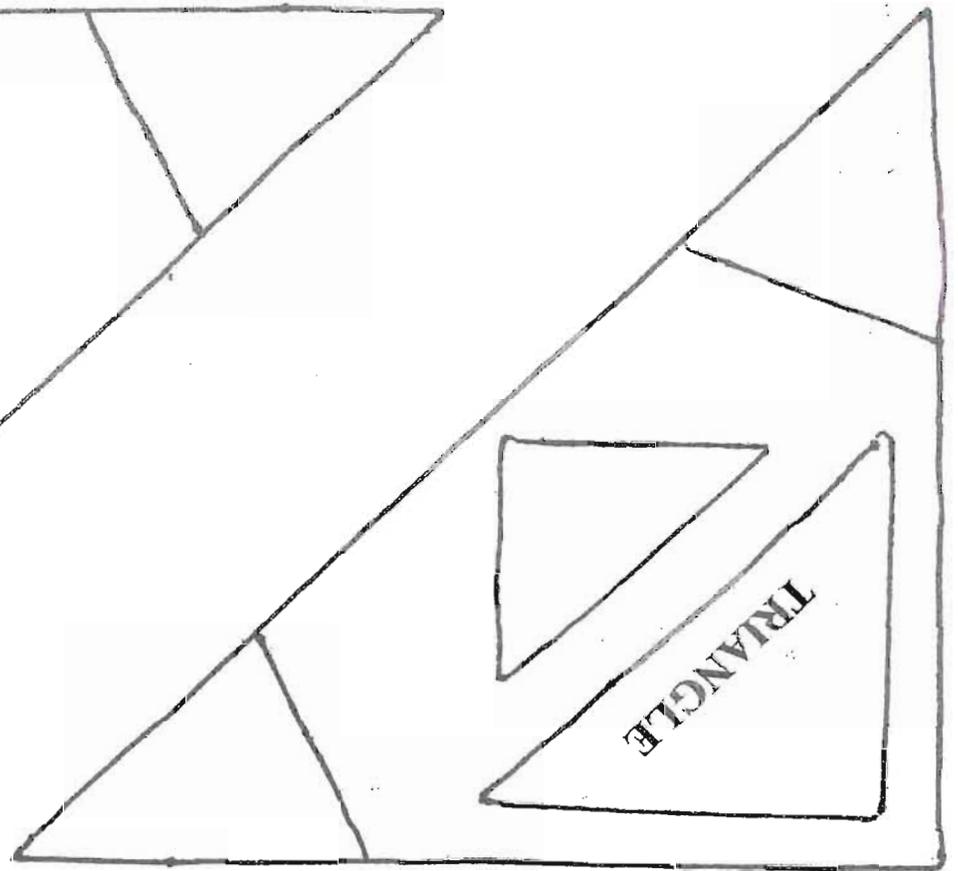
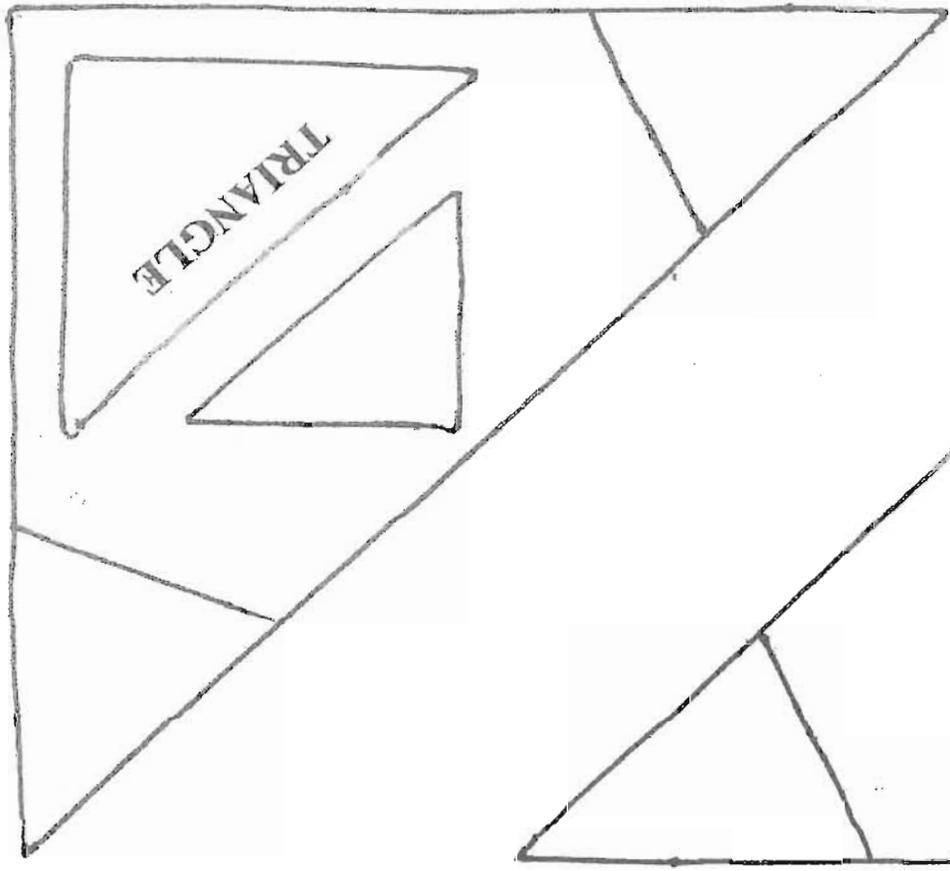
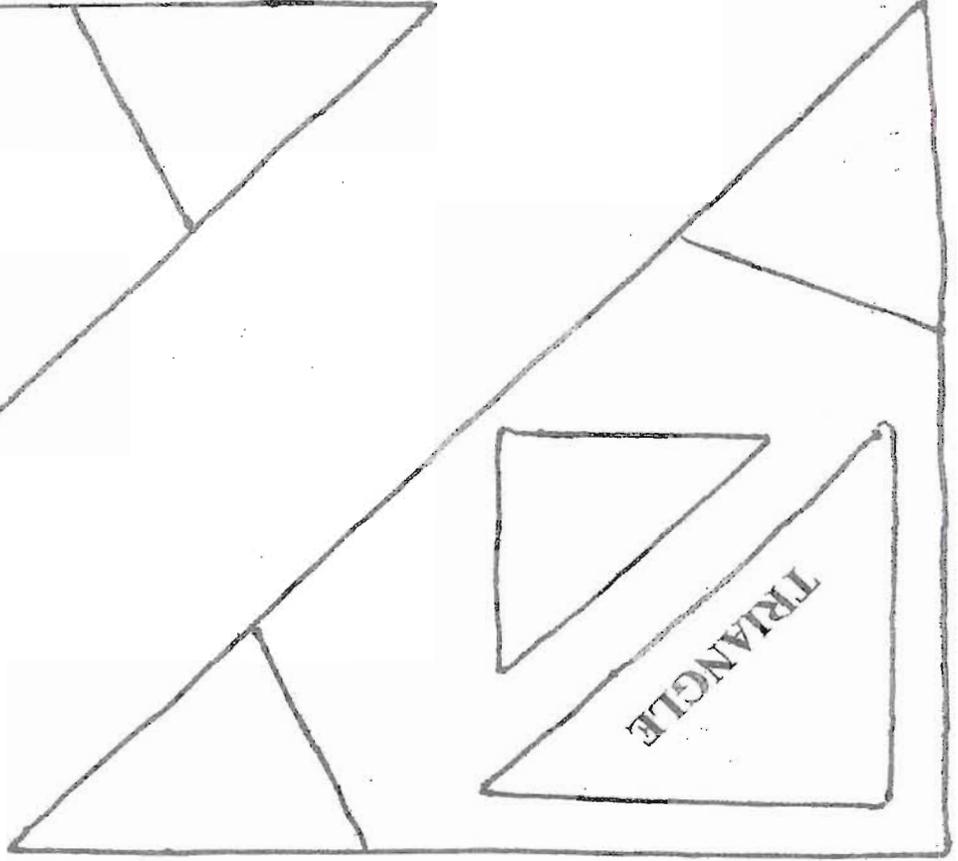
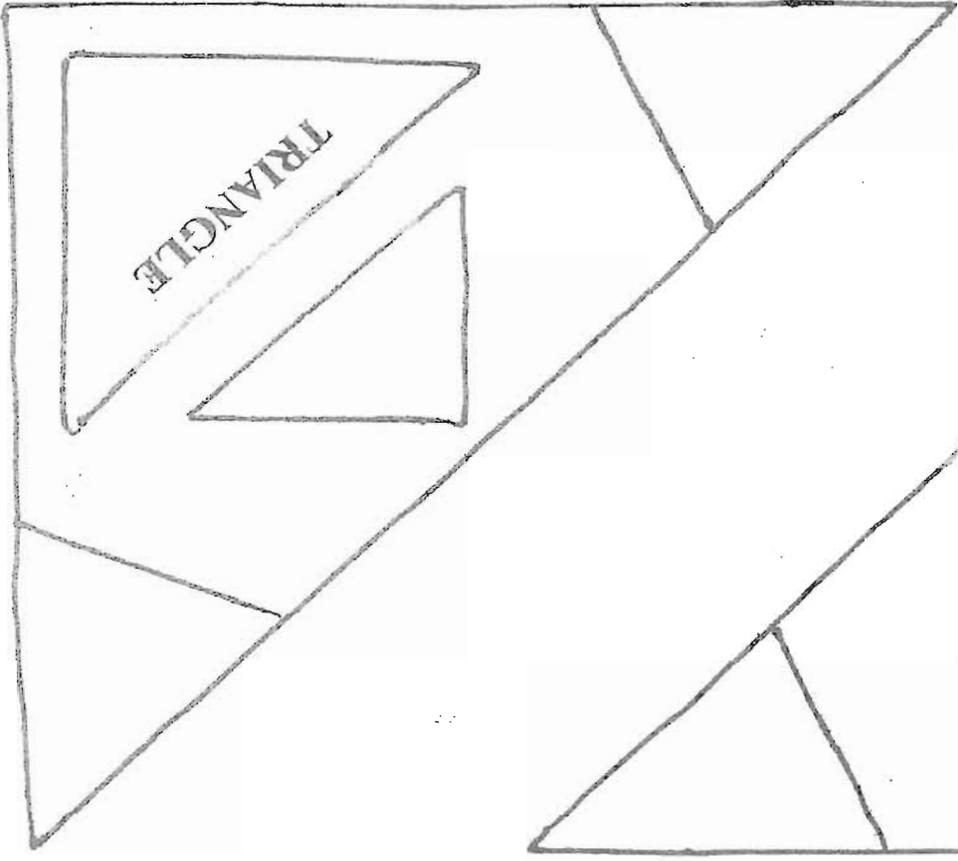
Shapes

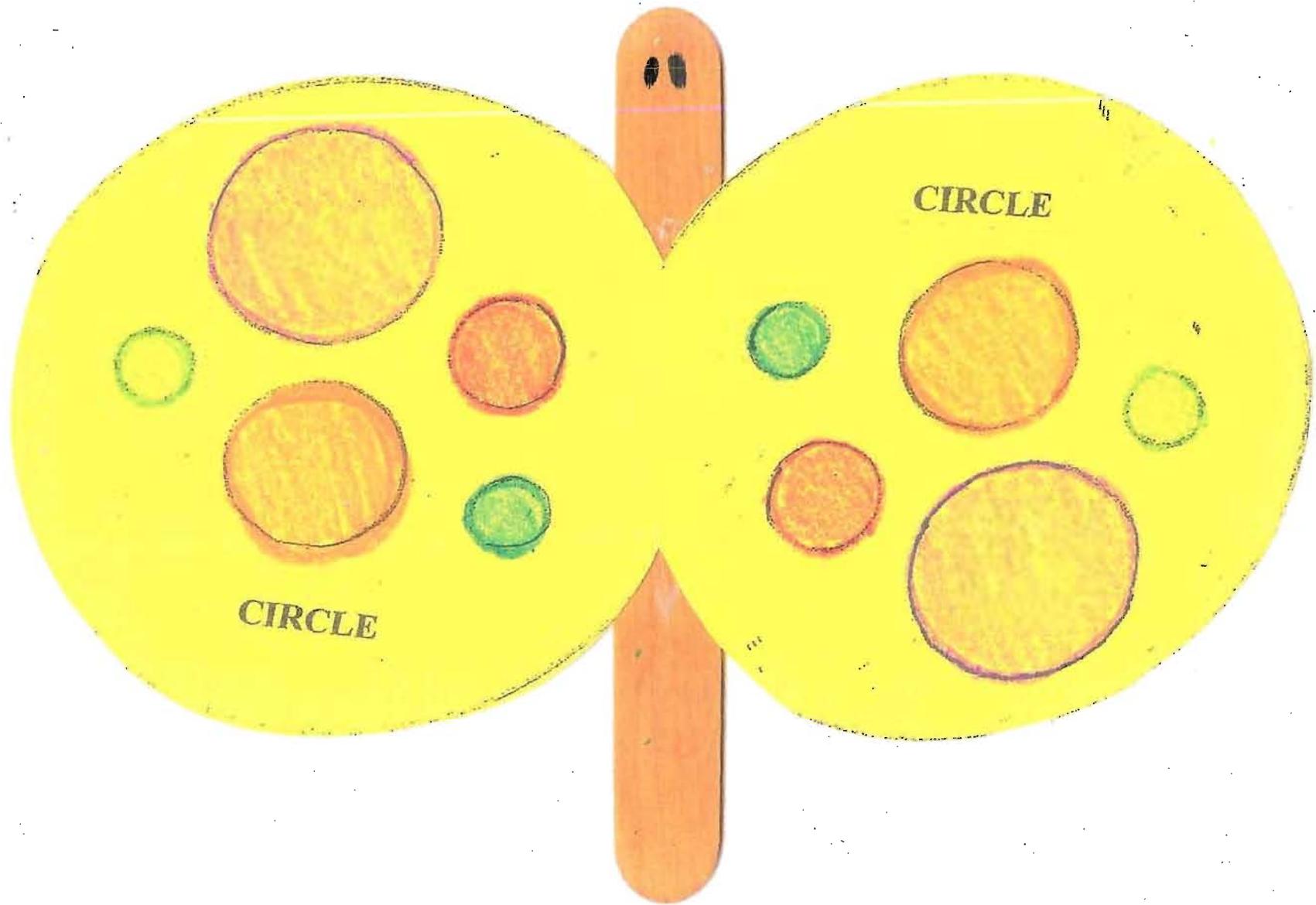
Shapes!





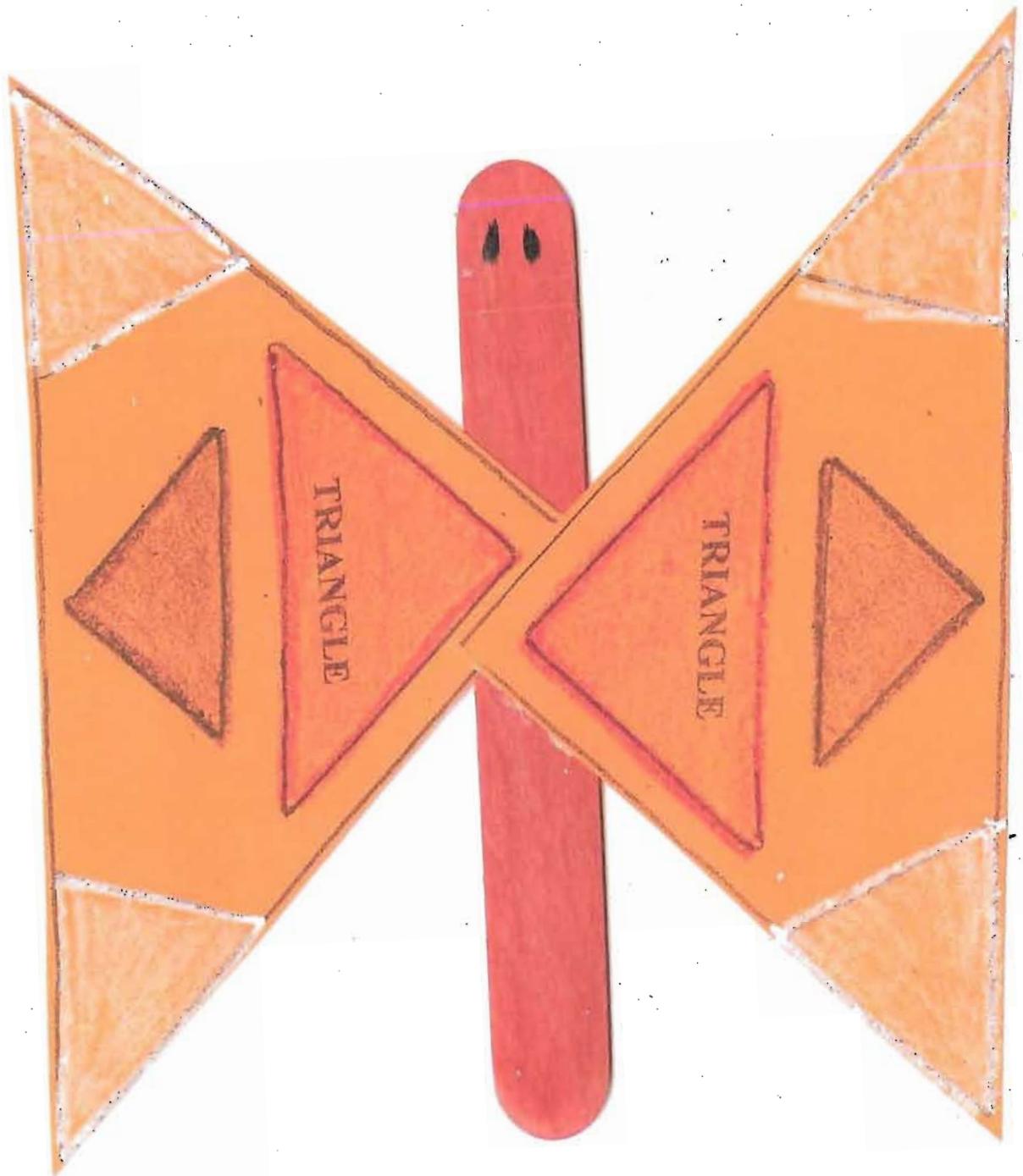


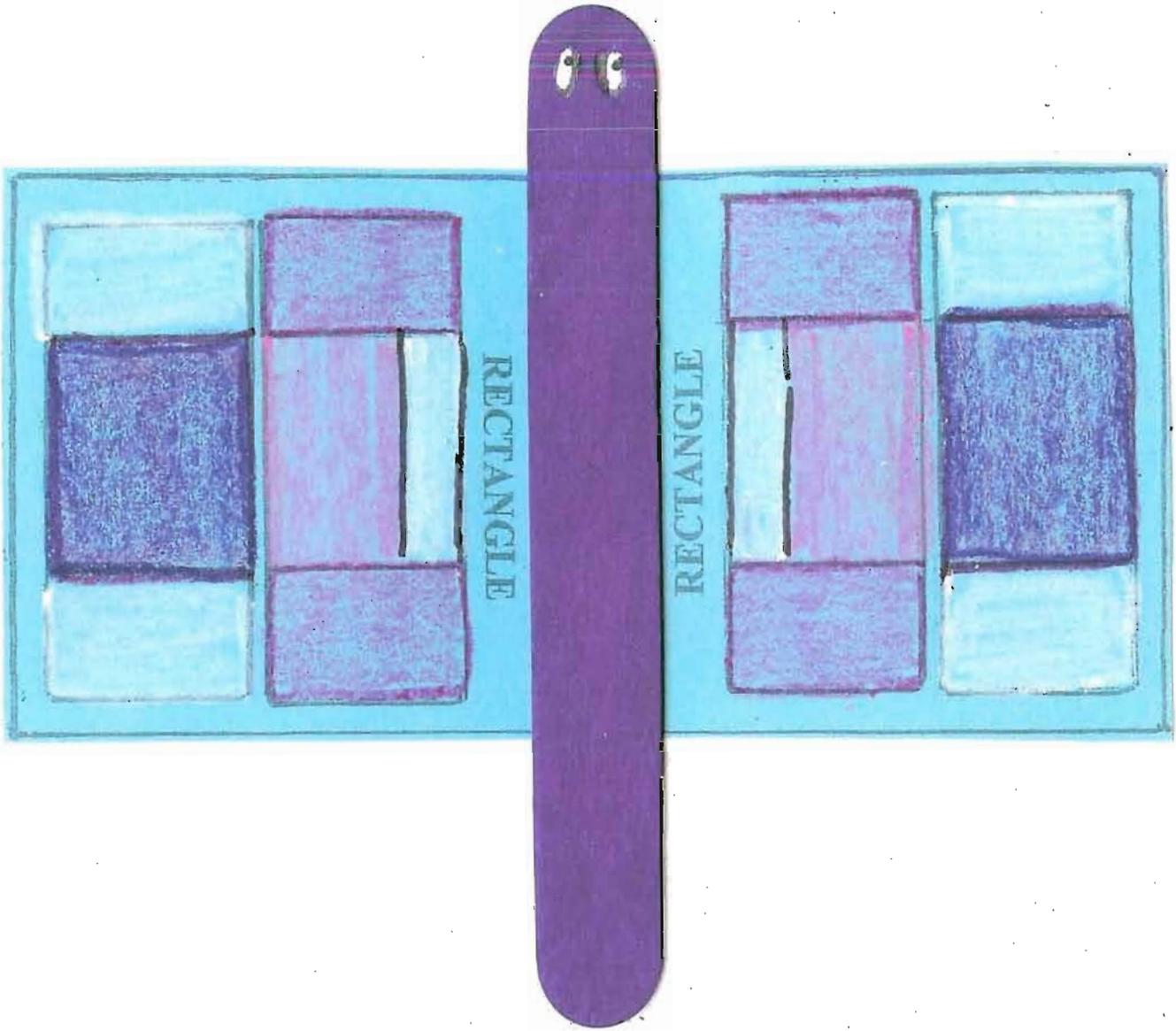


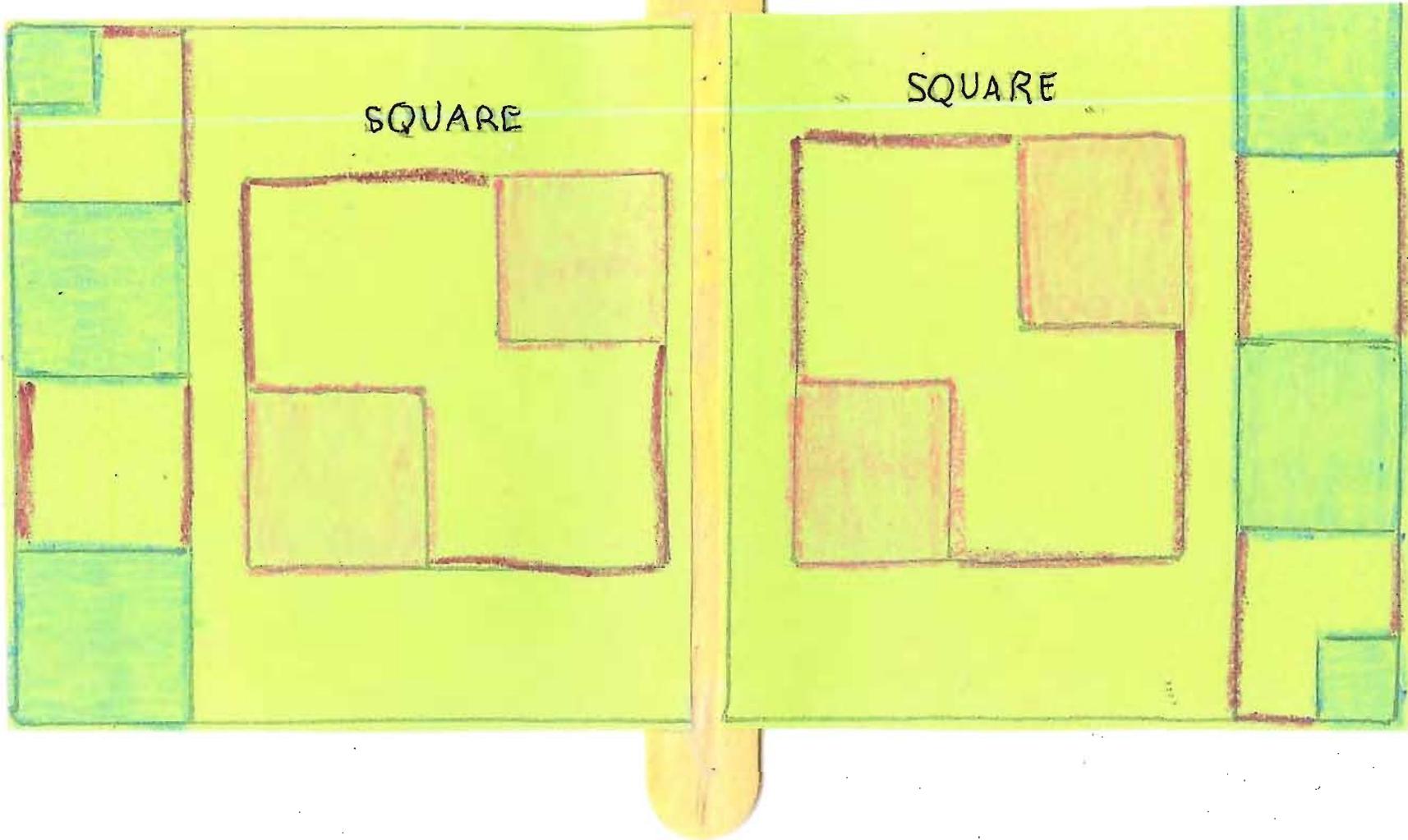


CIRCLE

CIRCLE







Flutter Flappers

Background:

- This is one of my favorite quickie art projects for the butterflies. My students absolutely LOVE this fine motor to gross motor skill!
- It not only shows the entire life cycle of the butterfly, teaching science, but it really flaps around to the delight of your students!

Materials:

- A variety of colored construction paper + brown
- Pipecleaners
- Pony beads
- Hole punch
- Crayons

Directions:

Prep:

- Run off the master on a variety of colored construction paper.
- Run the thorax that says chrysalis on brown paper. Rough cut so the children each get a piece, or if you want to save time, have them pre-cut.

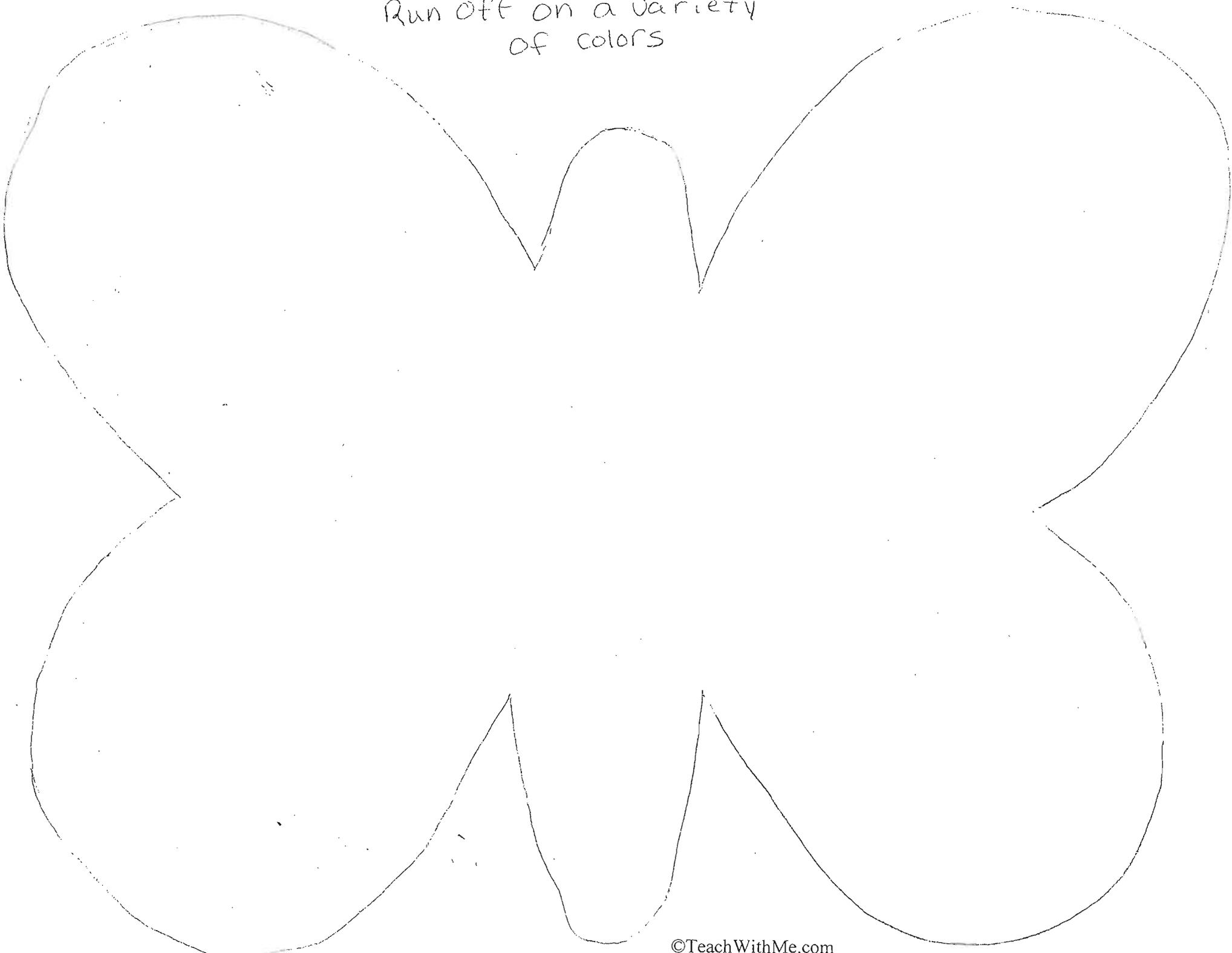
The next day...

- Children CUT out their brown chrysalis and their butterfly.
- Children GLUE their chrysalis down the middle of the thorax.
- Teacher punches a hole on either side of the word.
- Children choose a pipecleaner and thread it through the two holes.
- Children choose a pony bead “egg” and thread it on the pipecleaner.
- Twist the pipecleaner shut.
- The bead is the egg of the butterfly, the pipecleaner is the caterpillar, and the brown thorax is the chrysalis. You now have the entire life-cycle on the body of the butterfly!
- I have them stick the label stickers life cycle and metamorphosis down the thorax of their butterfly on the other side.
- Children WRITE their name on the wing of their butterfly.
- They can decorate the wings with crayons and geometric shapes if they want.
- You could also give them stickers, bingo dot markers or glitter glue.
- They hang on to the pipe cleaner on the side that does not have the “egg” and they do the following manipulations and say the following on the next page...
- When their butterfly comes out of the chrysalis I have my students yell “METAMORPHOSIS!”

Flutter

Flappers

Run off on a variety
of colors

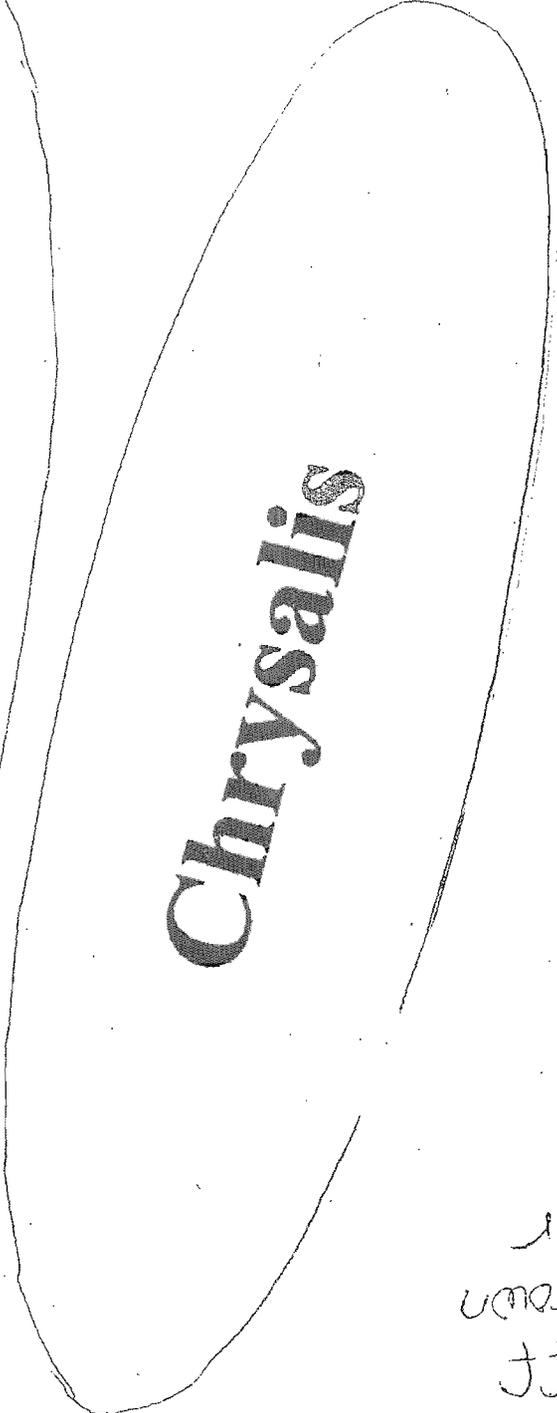




Chrysalis



Chrysalis



Chrysalis

Run Off
on Brown
Paper

How to manipulate the Flutter-Flapper:

1. Children hang onto the pipe cleaner and flap their butterfly's wings.
2. Children say here is the butterfly she lays some eggs. (Children point to the pony bead.)
3. The egg hatches into a caterpillar. (Children roll the wings in and show the thorax of the butterfly so that it looks like a caterpillar.)
4. The caterpillar spins a chrysalis. (The children roll their caterpillar and the butterfly wings to the other side to show the chrysalis.)
5. Out of the chrysalis pops a butterfly! (Children hang on to the pipe cleaner again, and flap the wings of the butterfly.)

- I also use the flappers to show spatial placement as well as body part identification.
- Children say the following poem with me to show spatial placement.
- They move their butterfly up, down, left, right etc. When their butterfly is out of sight they put it behind their back. They move their butterfly in a circle over their heads when their butterfly is flying all "around".
- When we're done, children fly with their butterfly out to their lockers to tuck them into their backpacks.

Butterfly-Butterfly

Fly up. Fly down.

Fly all around.

Fly to the left. Fly to the right.

Fly over there and out of sight.

Fly above. Fly below.

Fly fast. Fly slow.

Dry your wings in the sun.

Soon you will have lots of fun.

Stretch them high.

Flutter and fly!

Fly butterfly...

Fly!

Metamorphosis Pokey

To the tune of *Hokey Pokey*

(Use the butterfly lifecycle manipulative)

Put your egg in
Take your egg out
Put your egg in
And shake it all about
You do the Metamorphosis Pokey
And you turn yourself around
That's what it's all about.

You put your caterpillar in
You take your caterpillar out
You put your caterpillar in
And you wiggle him all about
You do the Metamorphosis Pokey
And you turn yourself around
That's what it's all about

You put your chrysalis in
You take your chrysalis out
You put your chrysalis in
And you twirl it all about
You do the Metamorphosis Pokey
And you twirl yourself around
That's what it's all about

You take your butterfly out
You put your butterfly in
You take your butterfly out
And you flutter it all about
You do the Metamorphosis Pokey
And flap yourself around
That's what it's all about

The Life Cycle Pokey
The Life Cycle Pokey
That's what it's all about!



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Butterfly Life Cycle On A Leaf

Materials:

- Green, brown, white or pastel construction paper
- Crayons
- Hole punch
- Brass brads
- Scissors
- ***Optional:*** bingo dotters or stickers for eggs, tiny wiggle eyes and glue dots for the caterpillar.

Directions:

Prep:

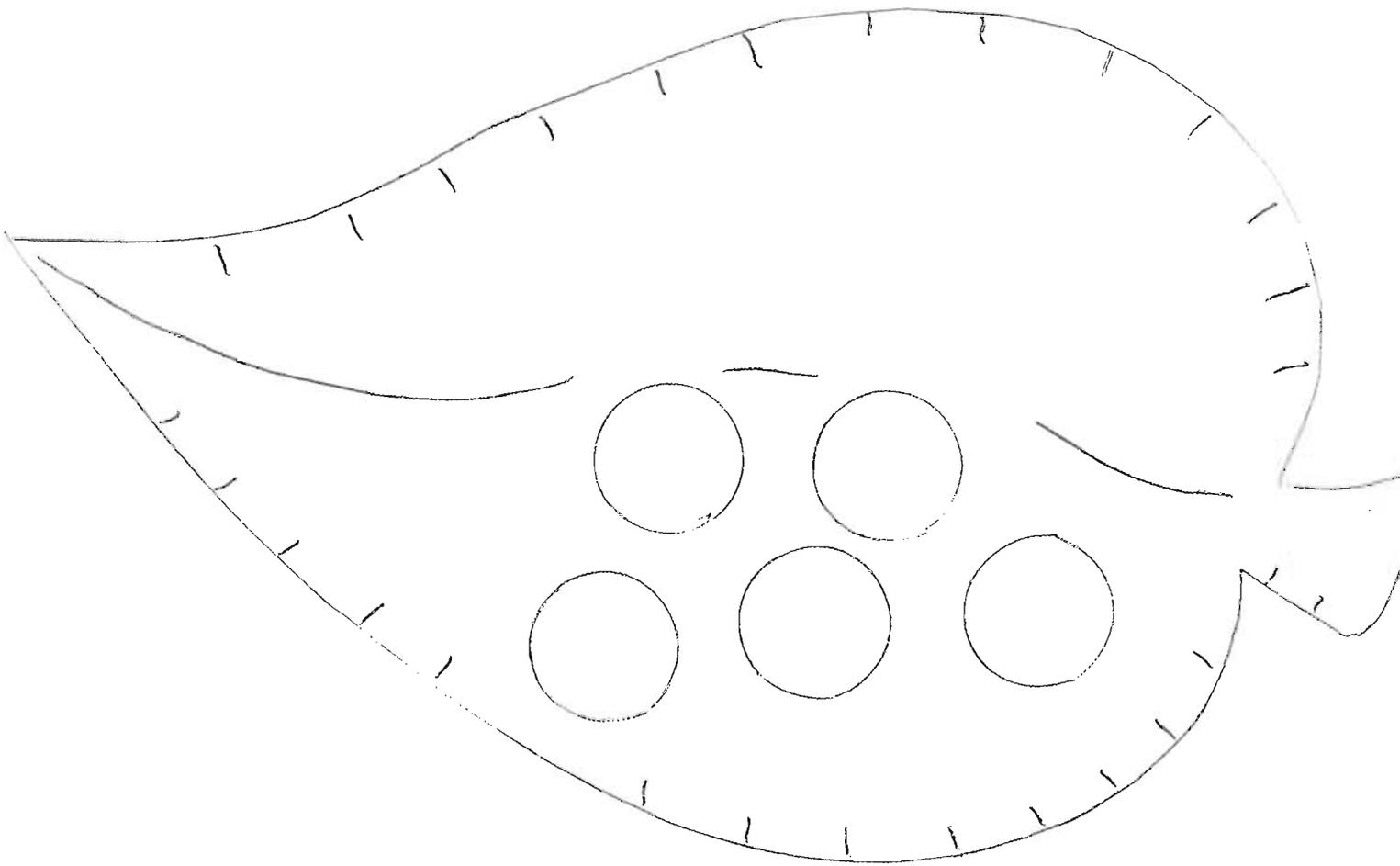
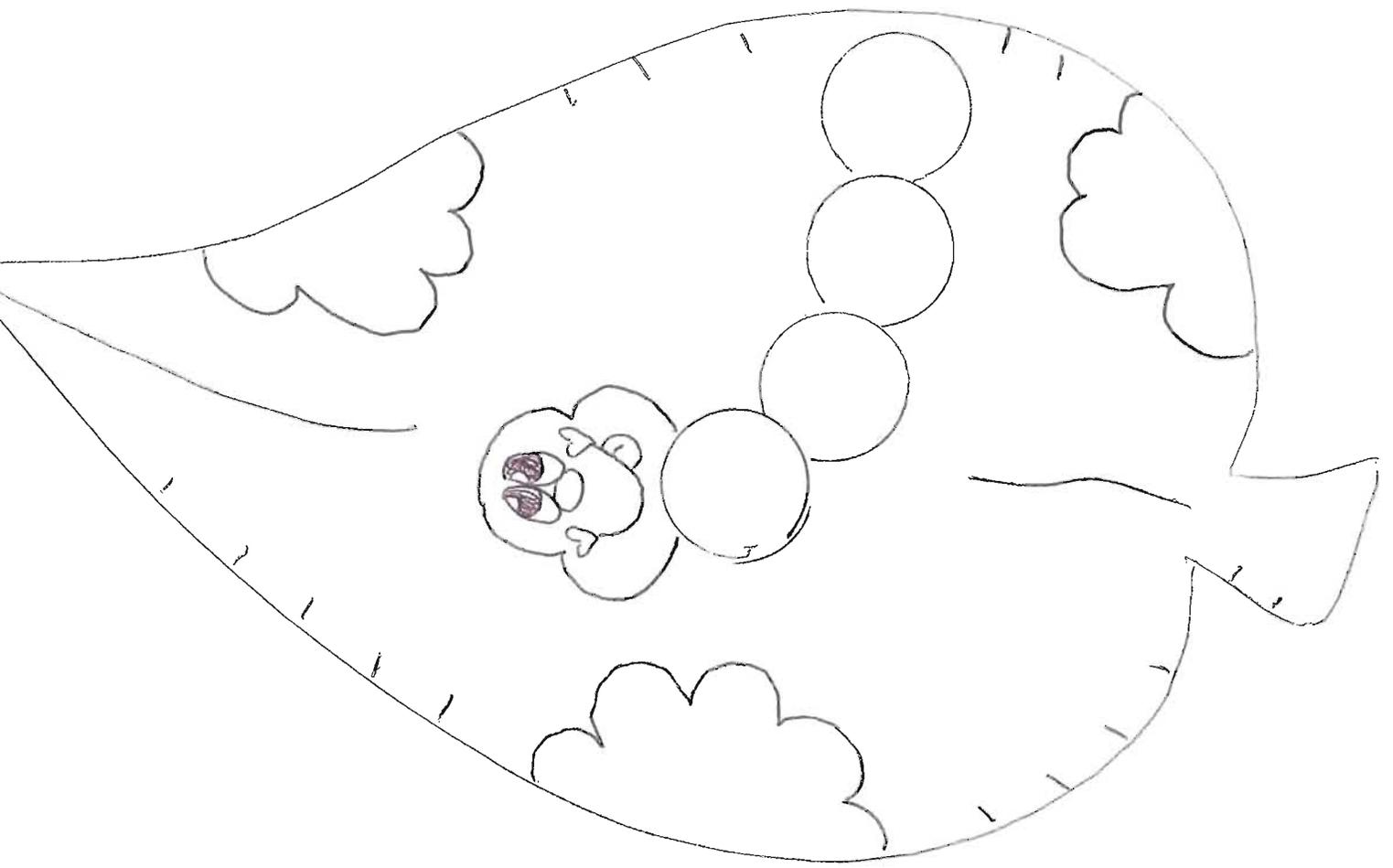
- Run off master on light green construction paper.
- Make a master of the chrysalis and run it off on brown construction paper or cut chrysalis' out on an Ellison die cut machine.
- Make a master of the flower and run it off on white or pastel colors of construction paper.
- You could also die-cut the butterfly and the flower.
- Pre-cut the flowers and chrysalises.

The next day...

- Children CUT out their leaves.
- Children color their butterfly.
- Children color the eggs different colors. They could also put a sticker on each one, or bingo dot the circles for the eggs and the caterpillar's body.
- Children rip and tear or use a scissors and cut out the munched part of the leaf where the caterpillar has eaten the leaf.
- Students color the caterpillar.
- You could glue wiggle eyes on the caterpillar if you wanted to.
- Children GLUE flower to the butterfly leaf right where the butterfly is drinking with his proboscis.
- Children put their leaves in the correct life-cycle order; they raise their hand; you check and hole punch the stem. Help them put a brass brad in.
- Children glue the stem of the chrysalis to the underside of the blank leaf, the one that comes before the butterfly one.
- Children write their name on the back of one of the leaves.
- Review the life-cycle together using the fan-fold leaves.



Life-Cycle Leaves





Congratulations!

Has done awesome work
on our butterfly art &
activities!



Keep up the great work!

Teacher: _____

Date: _____ ©

April Books:



Butterflies:

My Books To Read:

1. Born To Be A Butterfly Wallace \$3.99
2. Butterfly, Canizares \$3.25
3. Butterfly Magic, Getzoff \$2.99
4. Butterfly Metamorphosis, (A Fold-out book) Twinn \$4.95
5. Butterflies, Shapiro \$3.99
6. Butterflies of the World (Fandex) Mikula \$9.95
7. Caterpillar Spring Butterfly Summer, Hood \$12.99
8. Caterpillar To Butterfly (Pop-up) Rodger \$4.95
9. Clara Caterpillar, Edwards \$5.95
10. Fluttery Butterflies, Lamut \$4.95
11. Good Night Sweet Butterflies, Gerth \$10.95
12. I'm A Caterpillar, Marzollo \$3.99
13. I'm A Little Caterpillar, (A pop-out puppet book). Weare \$5.95
14. In My Garden (Pop-up book) Gill Guile \$12.95
15. Just A School Project, Mayer \$3.29
16. More Bugs In Boxes (Pop-up) Carter \$13.95
17. My Jungle Pop Up Book (Has butterflies in it.) Guile \$14.99
18. Nature's Hidden World (A pop-up book) Selberg \$9.95
19. Our Friend Sam, Mayer \$3.95
20. Percival the Plain Little Caterpillar, Brawley \$14.95
21. The Case of the Missing Caterpillar: A First Look at the Life Cycle of a Butterfly, Godwin \$14.95
22. The Very Hungry Caterpillar, (Big Book) Carle \$14.95
23. Waiting For Wings, Ehlert \$15.95
24. Watch Me Grow: Butterflies, Magloff \$7.99
25. Where Is Caterpillar (Lamaze interactive soft book.) \$6.95

Children's Butterfly Books:

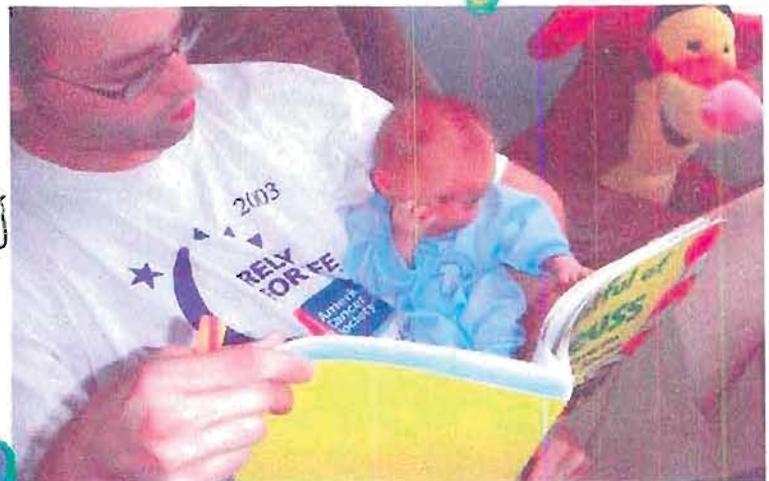
1. A Golden Guide To Insects (Includes lots of butterfly pages.), Zim & Cottam \$9.95
2. A Peek-A-Boo Caterpillar \$3.95
3. Angelina and the Butterfly, Holabird \$3.50
4. Becoming Butterflies, Rockwell \$5.95
5. Bugillions! (A wobble-eye book about counting) Reader's Digest \$7.99
6. Bug Safari. Barner \$5.95



7. Bumble's Sweet Surprise \$5.95
8. Butterflies! Freeman \$4.25
9. Butterflies, Jeunesse \$4.99
10. Butterflies, Neye \$3.99
11. Butterflies Coloring book, Sovak
12. Butterflies in the Garden Lerner \$5.95
13. Butterfly Express: A Book About Life Cycles, Moncure \$5.95
14. Butterfly House, Bunting \$5.99
15. Butterfly Magic, Getzoff \$2.95
16. Fluttery Butterflies, Lamut \$4.95
17. From Caterpillar To Butterfly, Heiligman \$5.95
18. I Wish I Were A Butterfly, Howe \$5.95
19. I Wonder Why... Butterflies Flutter, O'Neil \$4.95
20. Little Kippers Butterfly, Inkpen \$4.95
21. Magnificent Monarch, Glaser \$7.95
22. Millions of Monarchs, Roop \$3.99
23. Monarch Butterfly, Gibbons \$6.95
24. Monarchs, Lasky \$8.95
25. Strawberry Shortcake and the Butterfly Garden, Curry \$3.99
26. Squiggly Wiggly's Surprise (A finger-puppet book) Shapiro \$5.95
27. Ten Loopy Caterpillars, Cowley \$2.95
28. The Big Butterfly Book, Whyne \$2.95
29. The Butterfly Alphabet, Sandved \$5.99
30. The Butterfly Counting Book Pallotta \$5.49
31. The Lamb and the Butterfly, Sundgaard \$5.95
32. The Very Hungry Caterpillar, Carle \$6.95
33. What Can Finky See? (A lift-the-flap book) \$5.99
34. Zoobooks: Butterflies \$2.50



*This is
only a partial
listing as
I have added
to this*



*My Grandson Jeremiah,
even as a newborn,
loved to read*



Wonderful Butterfly WEBSITES!

1. <http://www.smm.org/sln/monarchs/story/story2.html>

Mariposa Monarca A visit to the Monarch Sanctuaries in Mexico. This is a beautifully Pictorially illustrated story.

2. <http://www.smm.org/sln/monarchs/jenna/jenna.html>

This is a good example of a child's ability to make a website and post their work on it. Jenna did just that. This is a short story of the lifecycle of a butterfly.

3. <http://butterflywebsite.com/atlas/index.cfm>

Great inspirational stories, articles, how to create a butterfly habitat, how to attract butterflies to your garden, free clipart, photo gallery, lesson plans etc.

4. <http://www.butterfliesandmoths.org/>

Students can click on their state and then county and find out what butterflies and moths are found in their area! They have a superb Image Gallery. You can click on a thumbnail and it will give you a bigger photograph plus information on that butterfly. You can also search for a specific species.

5. <http://butterflywebsite.com>

Great as a teacher and student source.

6. http://www.naturalsciences.org/funstuff/notebook/inverts/butterfly_chrysalis.html

This is a good site for more great pictures of a chrysalis. It's the Museum of Natural Sciences web page. They also have a Nature Notebook that's a guide to the animals, plants and other natural phenomena of the Southeast. New nature profiles are posted every month.

7. <http://adver-net.com/Monemerg.html>

Shows a monarch chrysalis from start to emergence.

8. <http://en.wikipedia.org/wiki/Pupa>

Wikipedia is a free encyclopedia on the net. This site will give you some awesome pictures of a chrysalis. One of the bits of trivia I liked was that the term chrysalis is derived from the metallic gold-coloration found in the pupae of many butterflies and is referred to by the Greek term chrysos for gold. They have a picture of 3 metallic golden chrysalises hanging from a branch that is quite awesome. The other encyclopedia websites and software have great informational facts about butterflies and caterpillars as well.

<http://www.monarchbutterflyusa.com/Chrysalis.htm>

9. Shows fantastic pictures of a monarch chrysalis. Even ones of it emerging!
Click on these buttons to see other fantastic photographs with great information.

10. <http://www.teachers.asn.au/jmresources/butlifecycle/Activity5green.PDF>
pictures of different butterfly eggs. Activity sheet to compare and contrast them.

11. <http://www.butterflyfarm.co.cr/ed/index.htm>

Awesome site not only tells about butterfly farming but has a great photo gallery as well. Their "Fast Facts" "A Student's Guide To Butterflies" and "Common Questions & Answer" sections are outstanding and a great place for older students to find information for their reports. They also have an extensive glossary of terms.

12. http://www.kindermagic.com/backyard_bugs.html

Great video sample of the monarch butterfly coming out of its chrysalis and a caterpillar hatching out of its egg and eating a milkweed leaf.

13. <http://butterflywebsite.com/> great inspirational stories.

14. <http://www.thebutterflysite.com/butterfly-coloring-pages.shtml> Cool coloring pages to print off, butterfly word search.

15. <http://www.geocities.com/wyllz/id177.htm> Absolutely wonderful pictures of all stages of a monarch butterfly life cycle by William Zittrich. Over 20 pictures of eggs, caterpillars, chrysalis, adults emerging and adult monarchs.

16. <http://www.richard-seaman.com/Wallpaper/Nature/Butterflies/index.html> This ever growing page contains large photographs of butterflies from around the world which can be set as wallpaper on your computer. 24 to choose from!

17. <http://www.butterfliesandmoths.org> The US Geological Survey's Northern Prairie Science Center provides a clickable map showing the distribution of butterfly species in the US. Simply choose your county in the box and click on it. A list of all the butterfly species in your area will open up. Besides the map search this site also includes a species search, and a great image gallery.

18. <http://bsi.montana.edu/web/kidsbutterfly/>

Awesome site for children and teachers! Includes a photograph gallery, video clips, most asked questions, life cycle coloring pages and a translation in several languages including Spanish.

19. <http://www.gardens.si.edu/horticulture/gardens/nmnh/butterfly.html>

An interactive butterfly garden site.

20. <http://www.entomon.net/largest-smallest-butterfly-moth.htm>

Shows information and pictures of the largest and smallest butterflies/moths. Also includes a list of questions that you can click on and find the answer. i.e., Can butterflies fly great distances? What is a cocoon? What is the difference between butterflies and moths? What is the heaviest insect? Can a real butterfly glow? Etc. Great for reports and info collecting.

21. <http://www.enchantedlearning.com/subjects/butterfly/activities/findit/index.shtml>

Enchanted Learning is a great site for lots of different subjects. They have things listed according to age levels from pre-school on up. One of the nicest things about their site is that you can expedite things by typing in the subject you want help with. When I typed in butterflies 249 matches were found. You can view them 5 at a time. They have many free lessons and ideas + a lot more if you support their site with a reasonable \$20 a year.

They have a great glossary where you can click on an underlined word and find out more about it.

Their "Find It With Zoom Butterflies" are print-outs that introduce young students to research on the Internet. Students use Zoom Butterflies to look up the answers to a set of questions. They have 3 sets of 10 questions for you to print out and give to your students, as well as answer pages for you. These are geared 2-3 and 4-6th. I found them helpful for relating facts to my younger students or give me answers to questions they have.

www.enchantedlearning.com/subjects/butterfly

Wonderful comprehensive information, colorful diagrams, an illustrated butterfly glossary, plus lots of monarch butterfly craft activities for children: mobiles, puppets, cards, and a coloring book.

22. <http://www.learningpage.com>

Chock full of all sorts of activities

23. http://www.geocities.com/cu_redhead/index2.html

Kinderkids is a great site for pre-K-K. Some very cute insect information.

24. <http://www.harkphoto.com/menu.html> Bill's awesome website for great pictures he takes of butterflies, moths, and caterpillars.

25. billybear4kids.com

An outstanding site for children and teachers. One of my favorites!

Here you can download a butterfly font, make butterfly flash cards (perfect for a Memory-Match game.) Students can play interactive games like dropping and dragging a variety of butterfly puzzles, or playing tic tac toe. My students get a trip to the treasure box if they play a game, print it off and bring it in to share. Students can also make stationery, send an e-mail butterfly postcard, watch an MPG movie, as well as do several crafts.

26. <http://www.monarchlab.umn.edu/> A great Monarch lab website. Here you can learn about the University of Minnesota *Monarch Lab*, the *Monarchs in the Classroom* program, plus find lots of information about the Monarch Butterfly. They also feature "[Ask the Expert](#)" Type in your question and get an email response from one of their experts. You can also read what others have asked and see their answers.

27. http://www.fieldmuseum.org/exhibits/exhibit_sites/butterfly/bvsm_basic.htm

Great information about the differences between butterflies and moths.

They also have a button to click on for butterfly collections that have super pictures of a variety of butterflies, as well as a button to click for information on habitats.

28. <http://adver-net.com/Monemerg.html>

Has beautiful photographs of the emergence of a Monarch from its chrysalis

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29. http://www.clemsonews.clemson.edu/WWW_releases/1998

If you get tagged by a predator or don't find enough food to eat, you die. Those are the rules in the "Migration Game," a teaching program that follows the life of the monarch butterfly. The Migration Game is part of the South Carolina Butterfly Project coordinated by Clemson University entomology professor Joseph D. Culin.s

30. <http://www.monarchbutterflyusa.com/Chrysalis.htm>

Great photographs of a chrysalis in it's transparent stage. Great shots of the Monarch emerging.

31. www.dltk-kids.com/crafts/miscellaneous/fingerprint_butterflies.htm

This is a great site for a kinds of information and cute craft ideas. Find instructions to make fingerprint butterflies and a butterfly mask.

