

# SCIENCE FAIR

## Project Labels



Question

Hypothesis

Materials

Procedure

Observations

Data

BY: CURRICULUM CASTLE

# SCIENCE FAIR PROJECT

## Materials:

- planning sheet
- science fair labels
- tri-fold presentation board
- scissors
- glue stick
- pencils, markers, crayons

## Directions:

1. Print and copy the science fair planning sheet for each student.
2. Have students brainstorm science fair experiment ideas.
3. Use the planning sheet to record throughout the process.
4. Students can pick which labels to use, fill in their information and cut & paste them onto the boards.
5. If desired, use the science lab clipart provided, additional images and pictures of the actual experiment to decorate the boards!

**Perfect for:**  
✓ science fairs  
✓ open house display  
✓ class research project



# SCIENCE FAIR PROJECT



## Ice Cream Science



### Question

What is the effect of container type on ice cream melting time?



### Materials

- 1.5 quarts of ice cream
- (3) 10 oz plastic cups
- (3) 10 oz paper cups
- (3) 10 oz styrofoam cups
- measuring cup
- timer or clock



### Procedure

1. Scoop  $\frac{1}{2}$  cup of ice cream into a clear plastic, paper, and styrofoam cup.
2. Place cups on counter or table.
3. Check the cups every 10 mins. for half an hour and every 3-5 minutes afterwards.
4. Record melting time.
5. Repeat steps 1-4 twice more.
6. Calculate average melting time for each cup.

### Results

After completing this experiment 3 times:  
Average melting time  
plastic: 64 mins.  
paper: 75 mins.  
styrofoam: 105 mins.

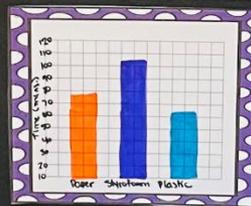


### Hypothesis

I think that the paper cup will melt the ice cream the fastest, and the plastic cup will be the slowest to melt the ice cream.



### Graph

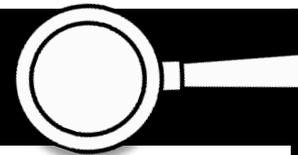


### Conclusion

I learned that the styrofoam container works best to keep ice cream colder for longer periods of time. Styrofoam is a great insulator that doesn't allow heat to seep through as easily as the other two materials.

Name: \_\_\_\_\_

# Science Fair Planning Sheet



**Question:**

**Hypothesis:**

**Materials:**

**Procedure:**

**Observations/Data:**

**Results/Conclusion:**



**Question**

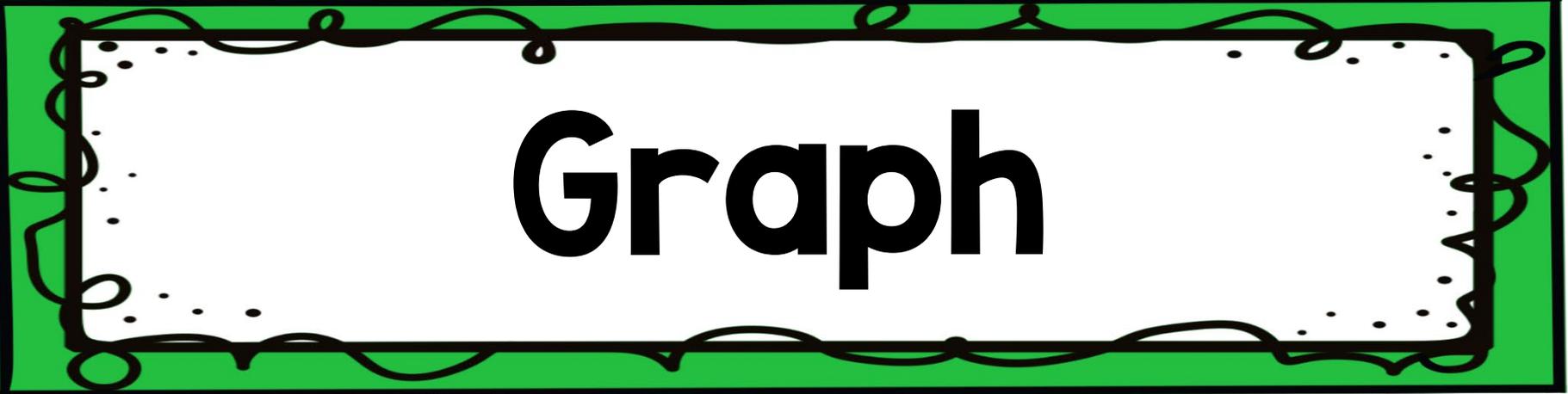
**Hypothesis**

**Materials**

**Procedure**

**Observations**

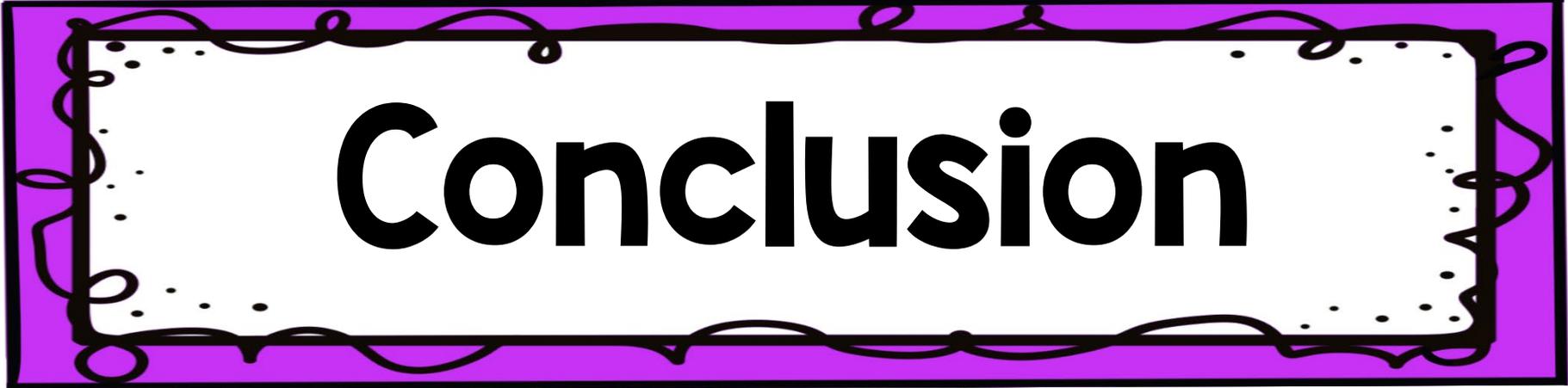
**Data**



**Graph**



**Results**



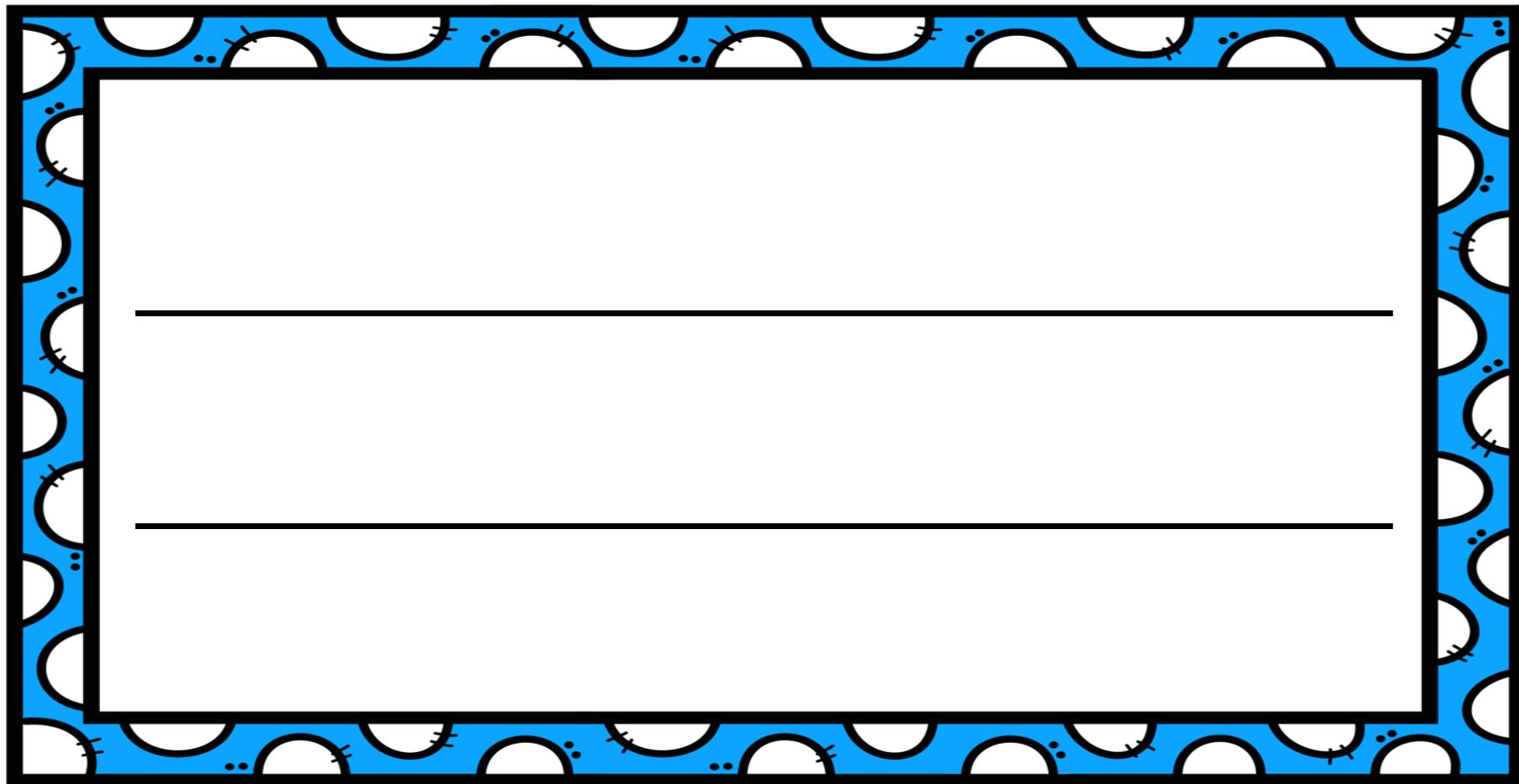
**Conclusion**

**Introduction**

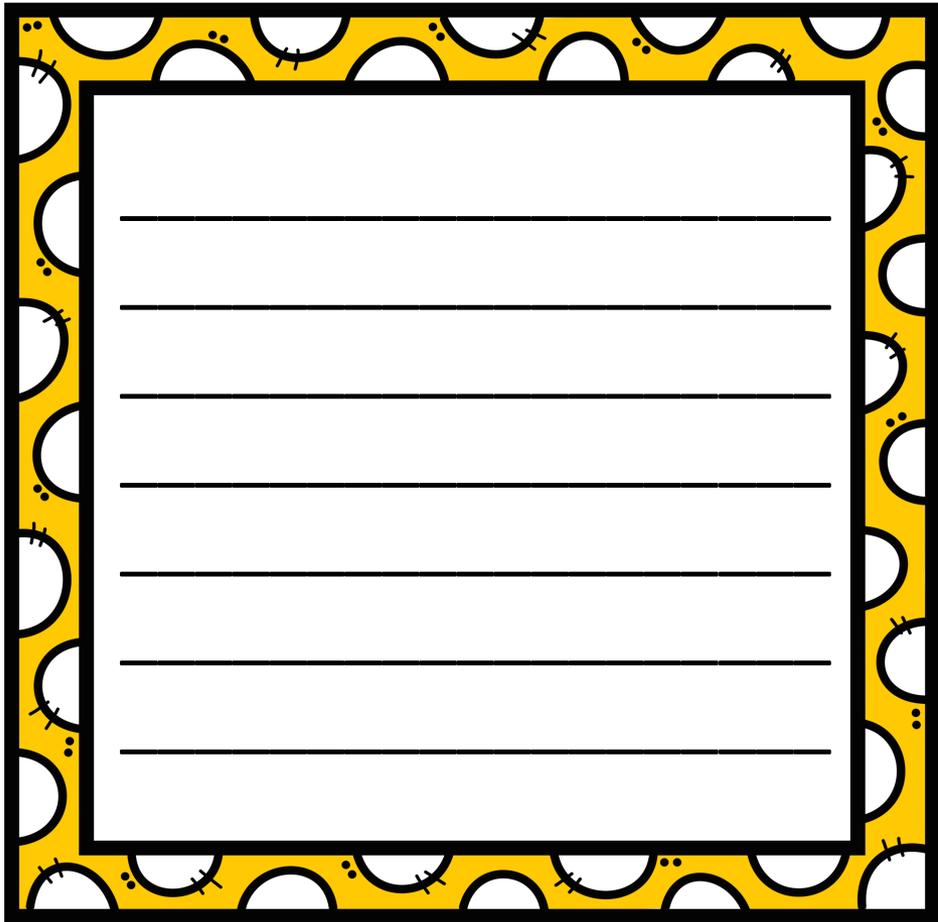
**Research**

**Variables**

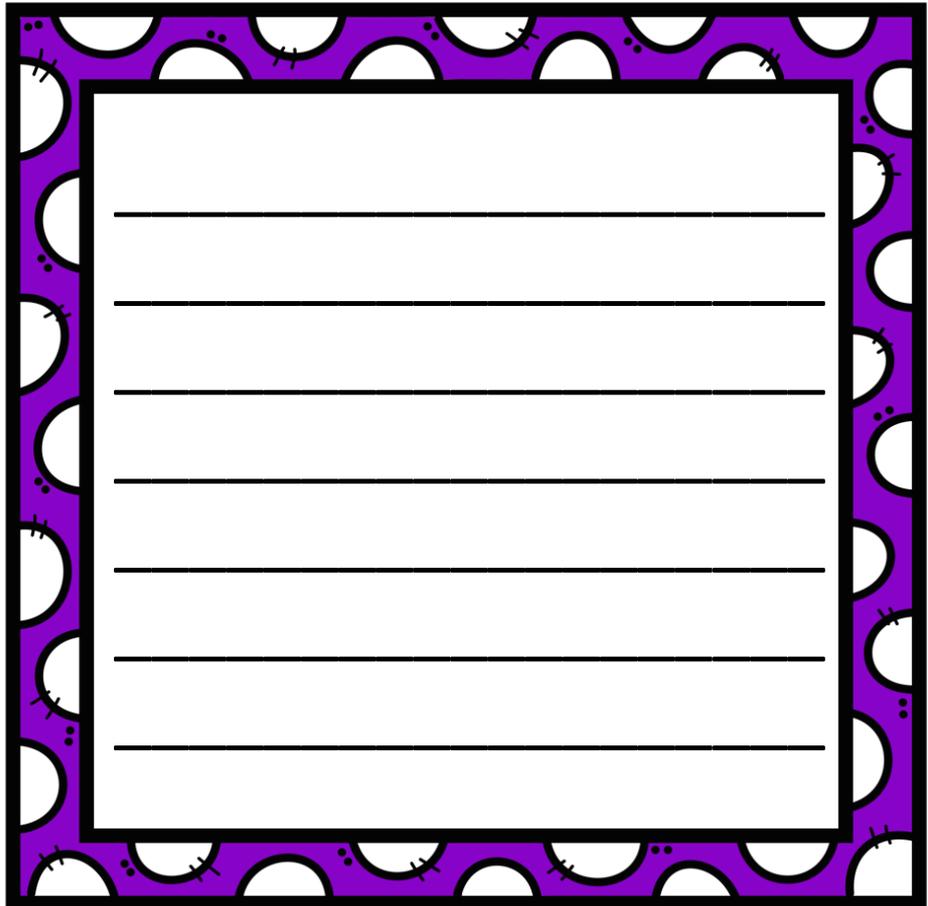
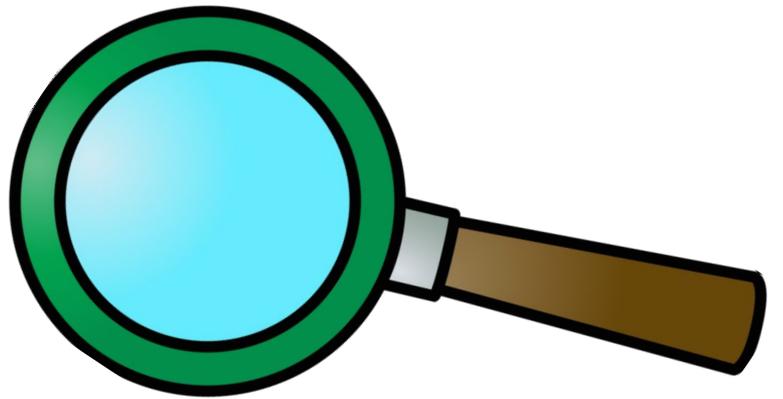
# Project Title



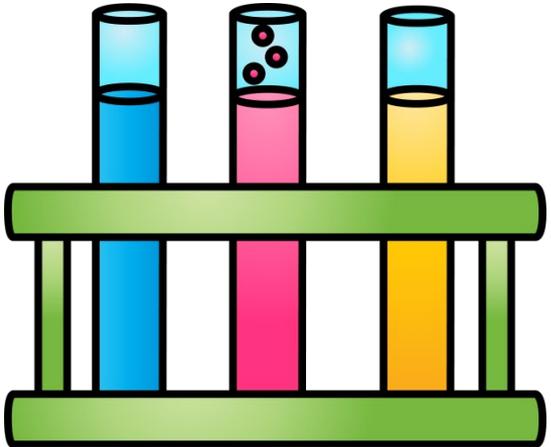
A project title card with a blue border featuring a pattern of white circles with black outlines and small black dots. The central white area contains two horizontal black lines for writing.

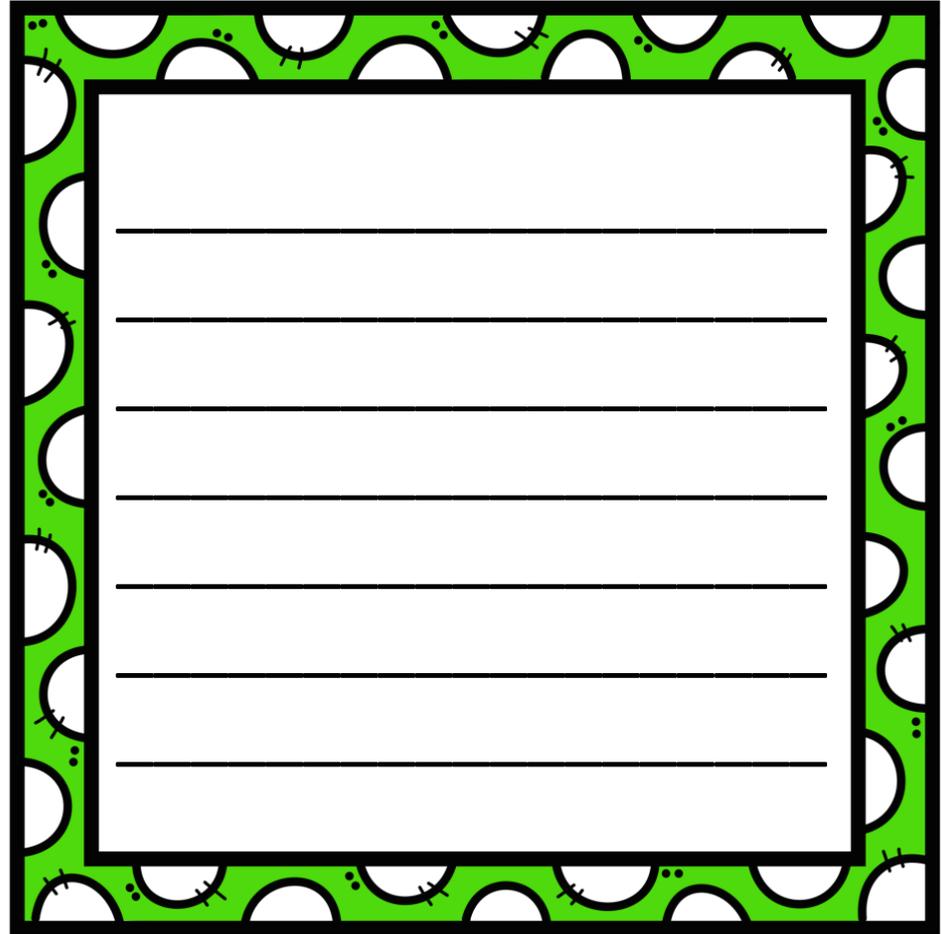
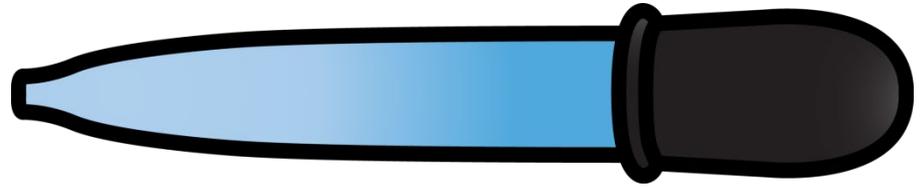


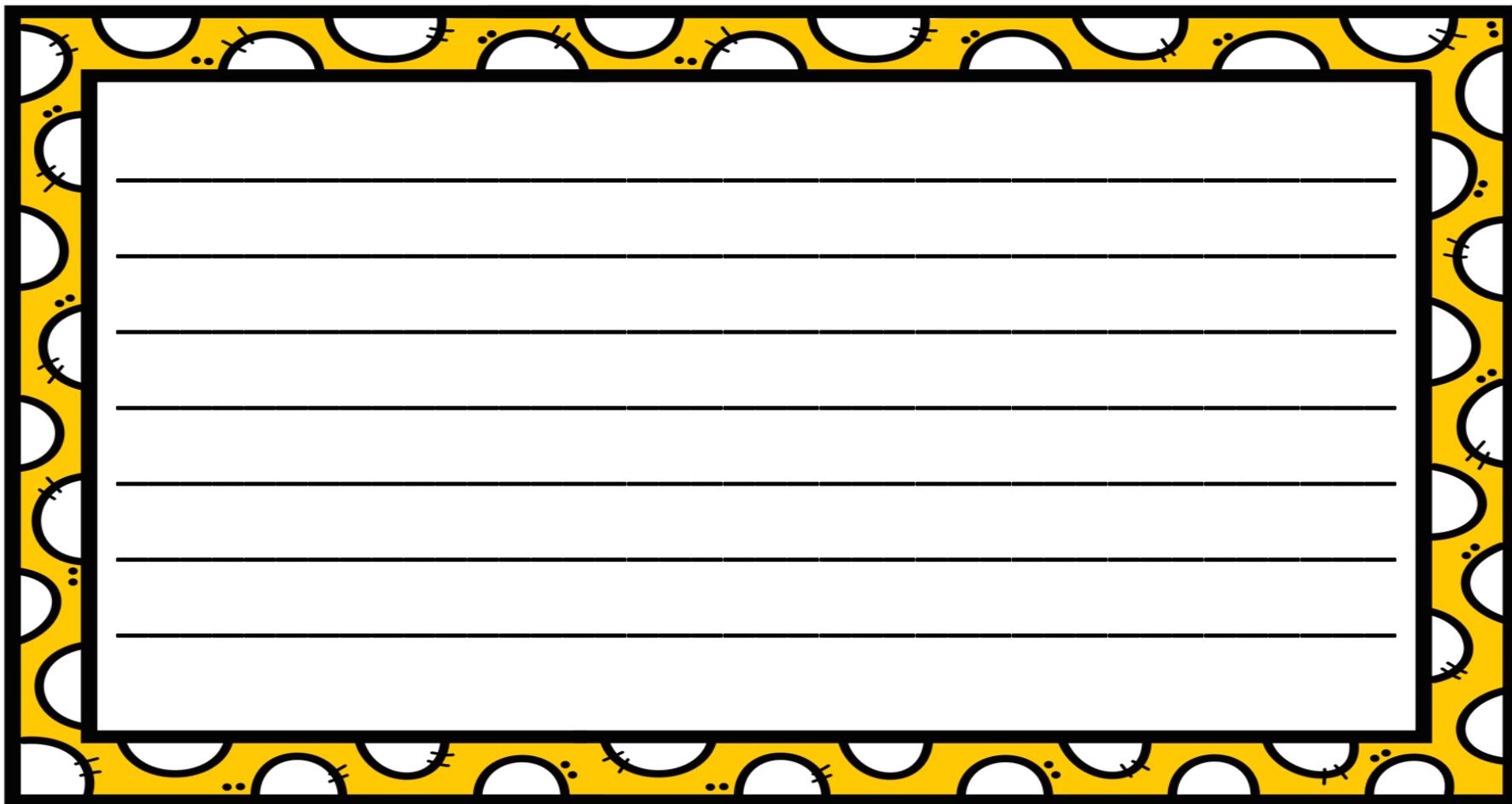
A rectangular writing area with a yellow border featuring a pattern of white circles with black outlines. The interior is white with seven horizontal black lines for writing.

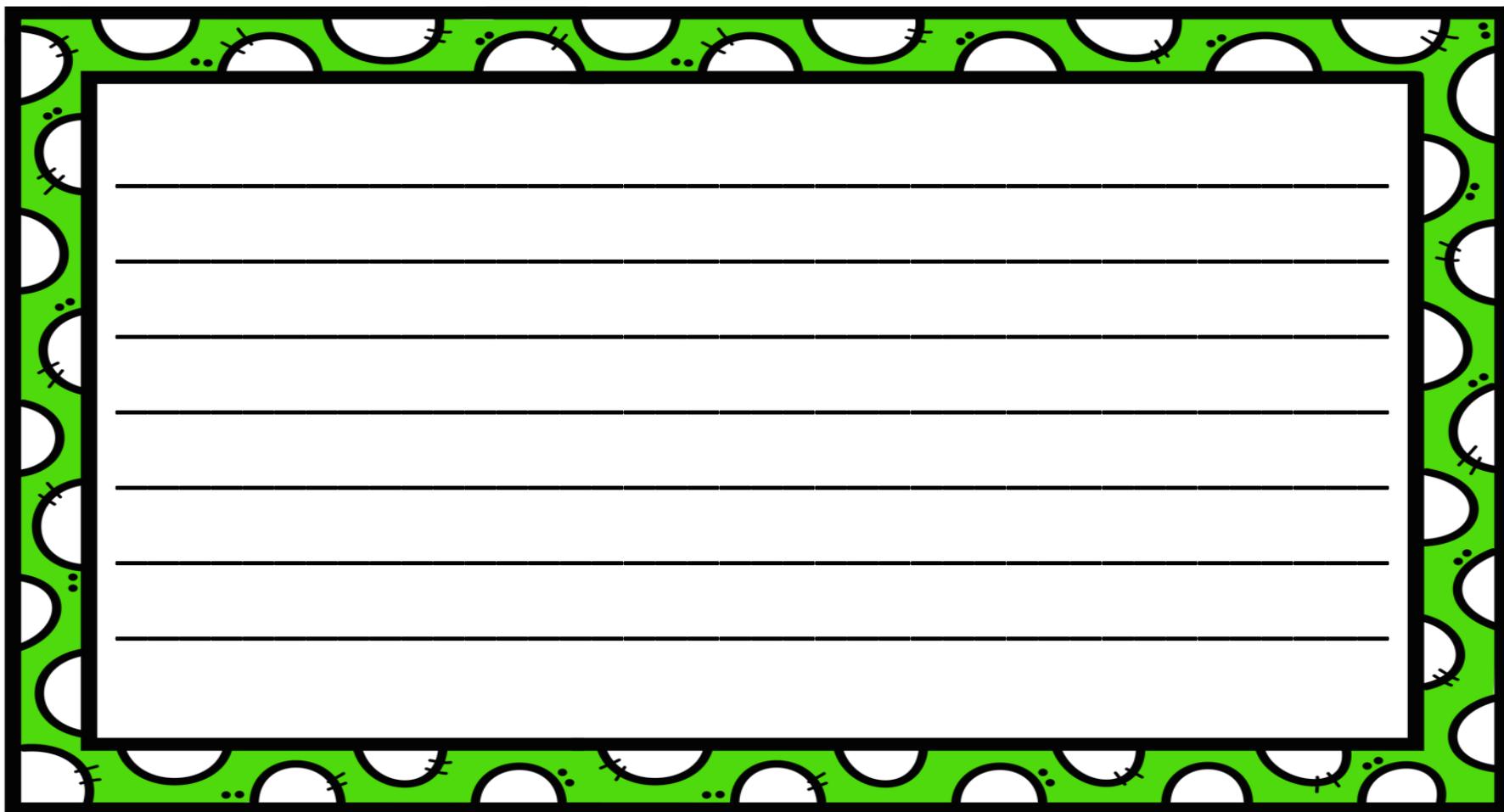


A rectangular writing area with a purple border featuring a pattern of white circles with black outlines. The interior is white with seven horizontal black lines for writing.











# SCIENCE FAIR PROJECT

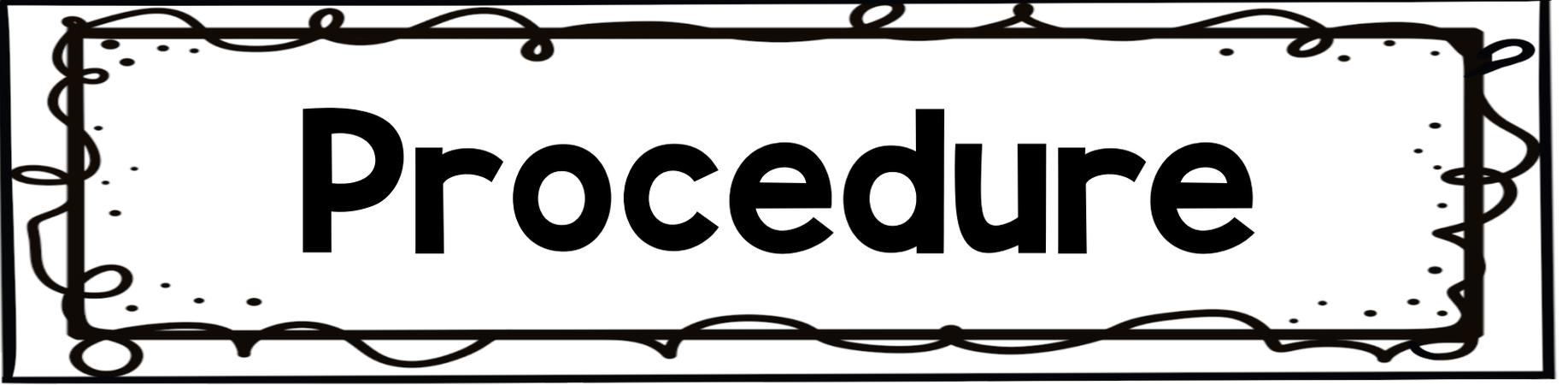
Use the following pages to print the black & white labels on colored paper. This way you can match any project theme and design!



**Question**

**Hypothesis**

**Materials**



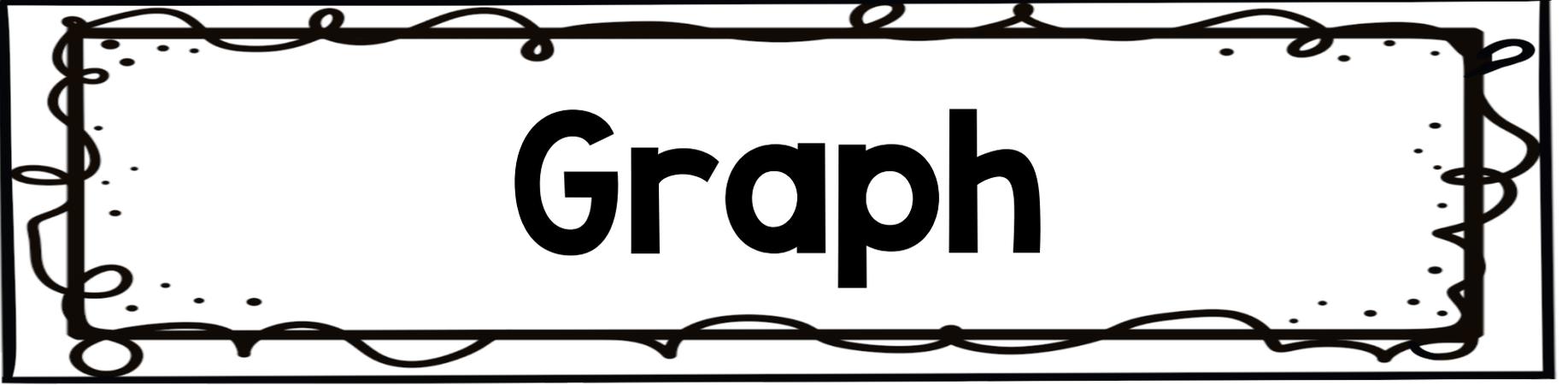
**Procedure**



**Observations**



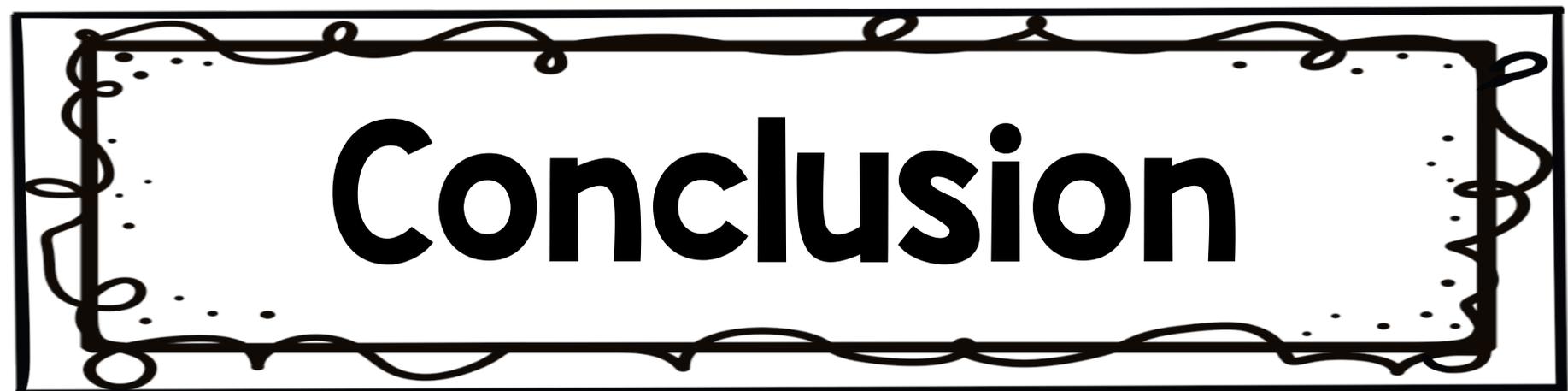
**Data**



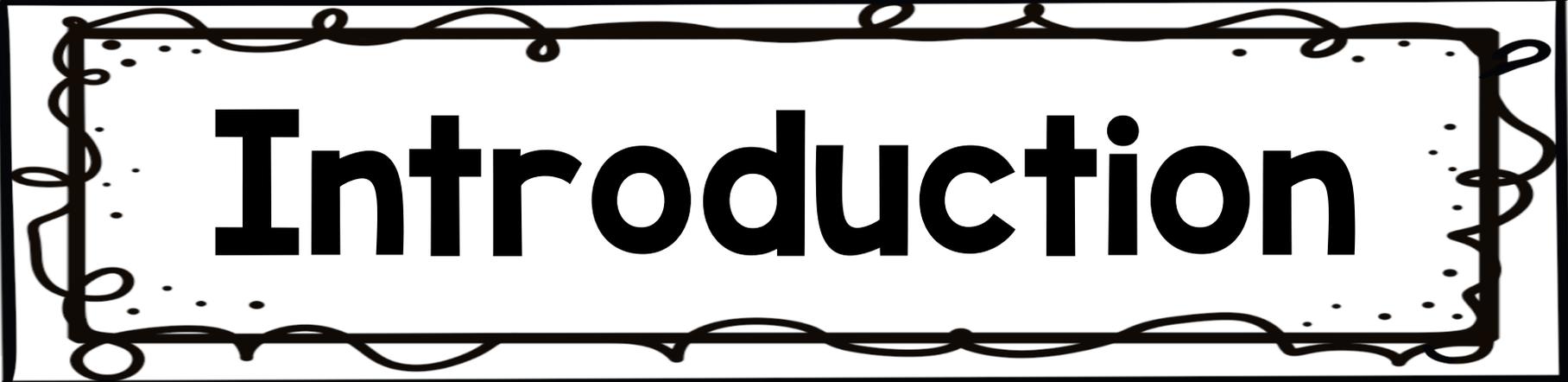
**Graph**



**Results**



**Conclusion**



**Introduction**

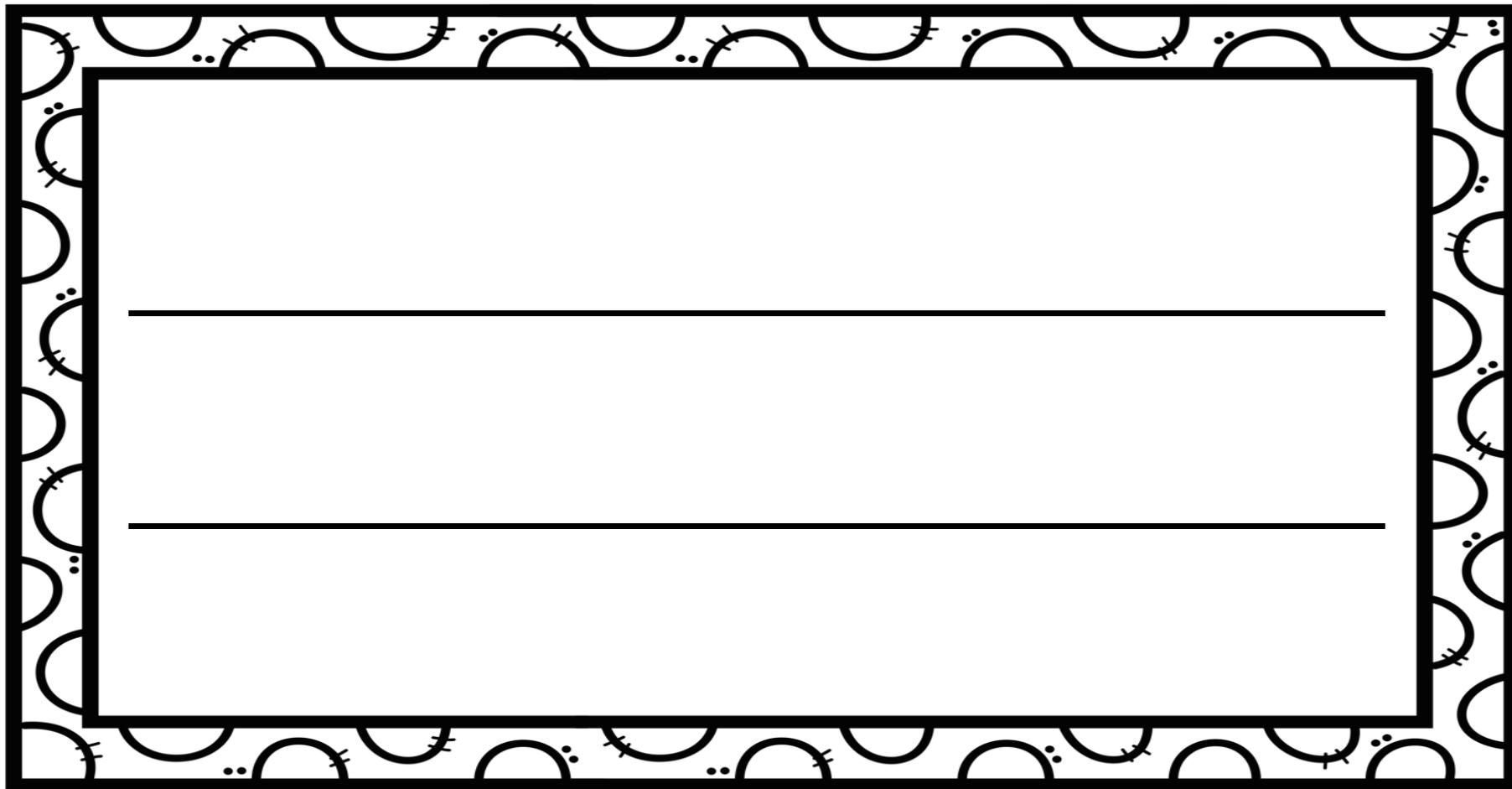


**Research**

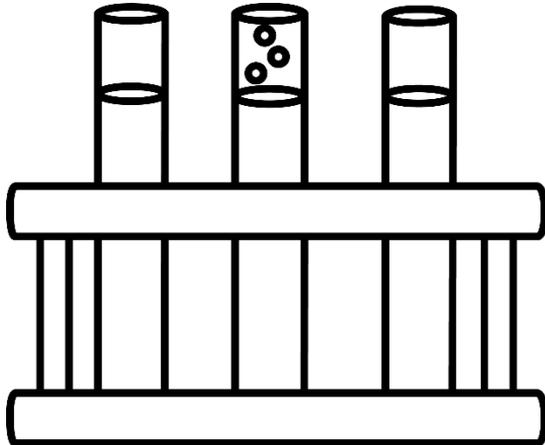
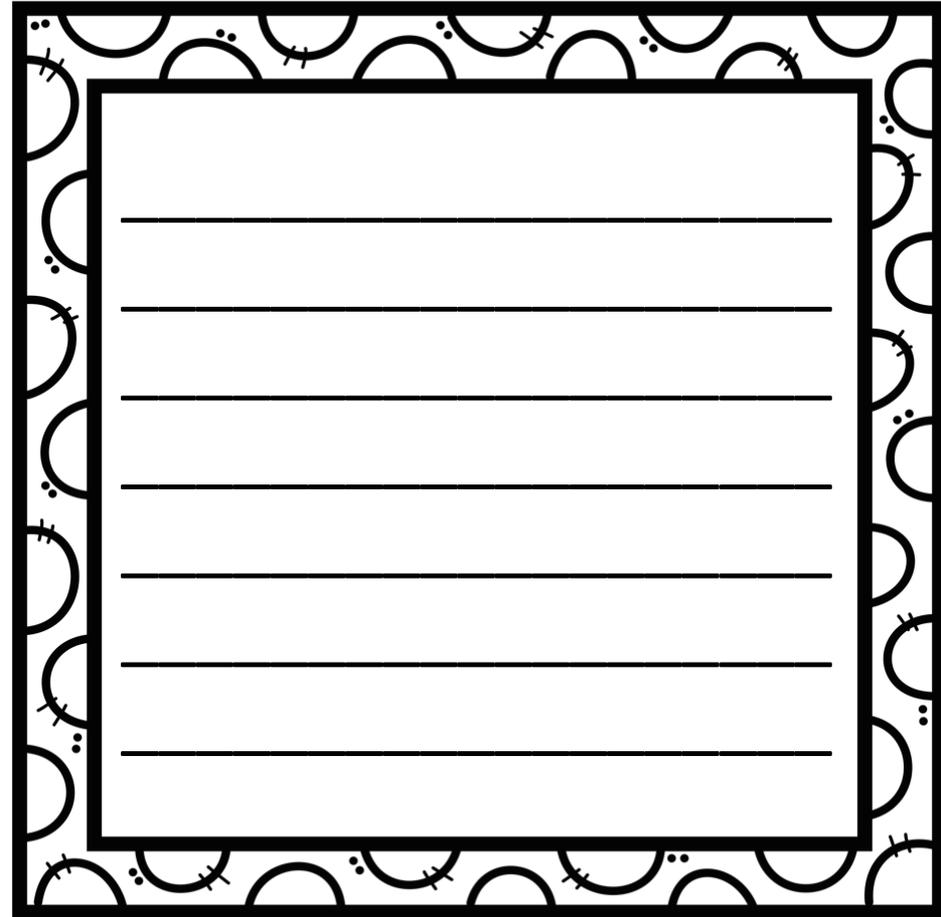
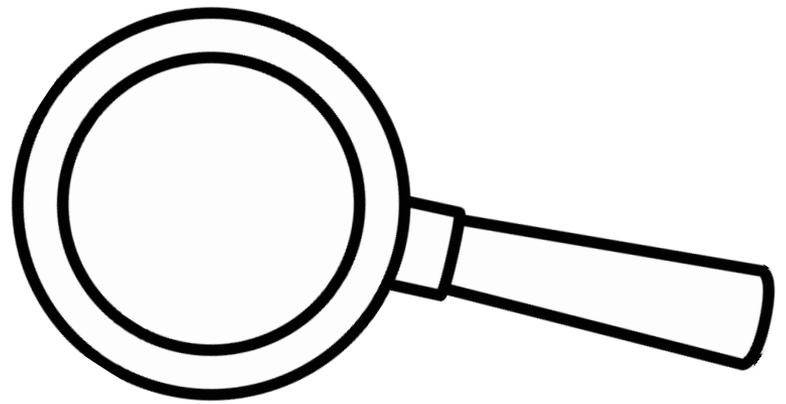
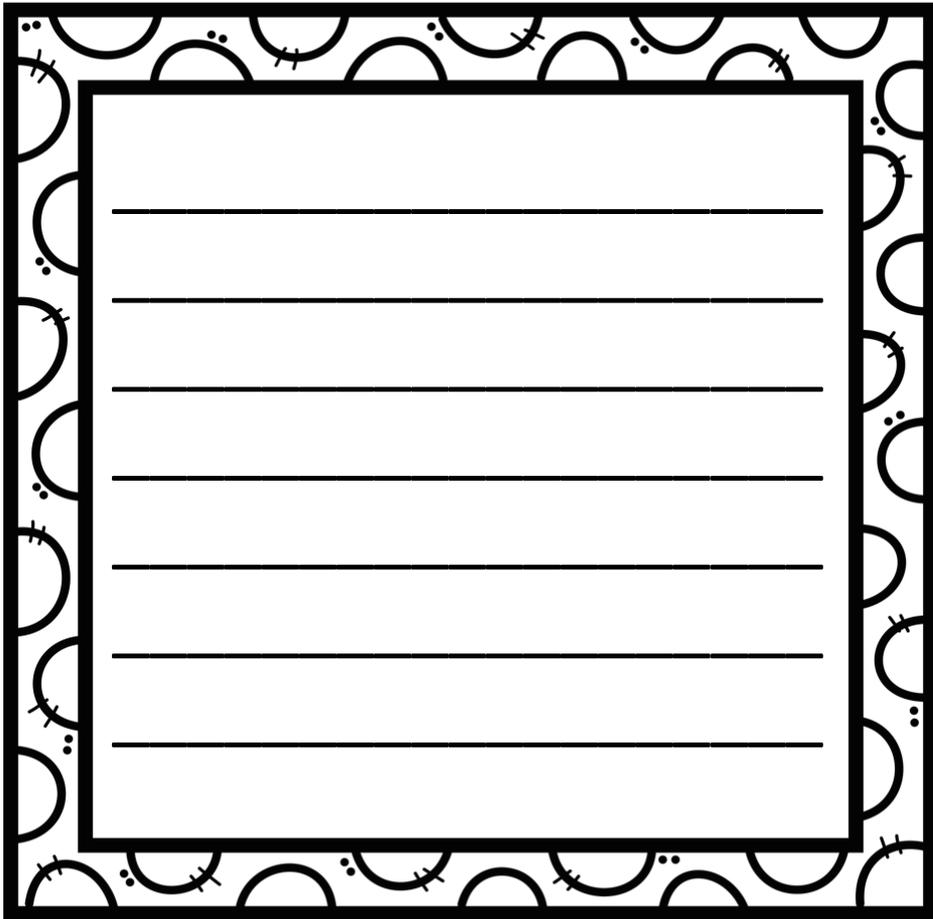


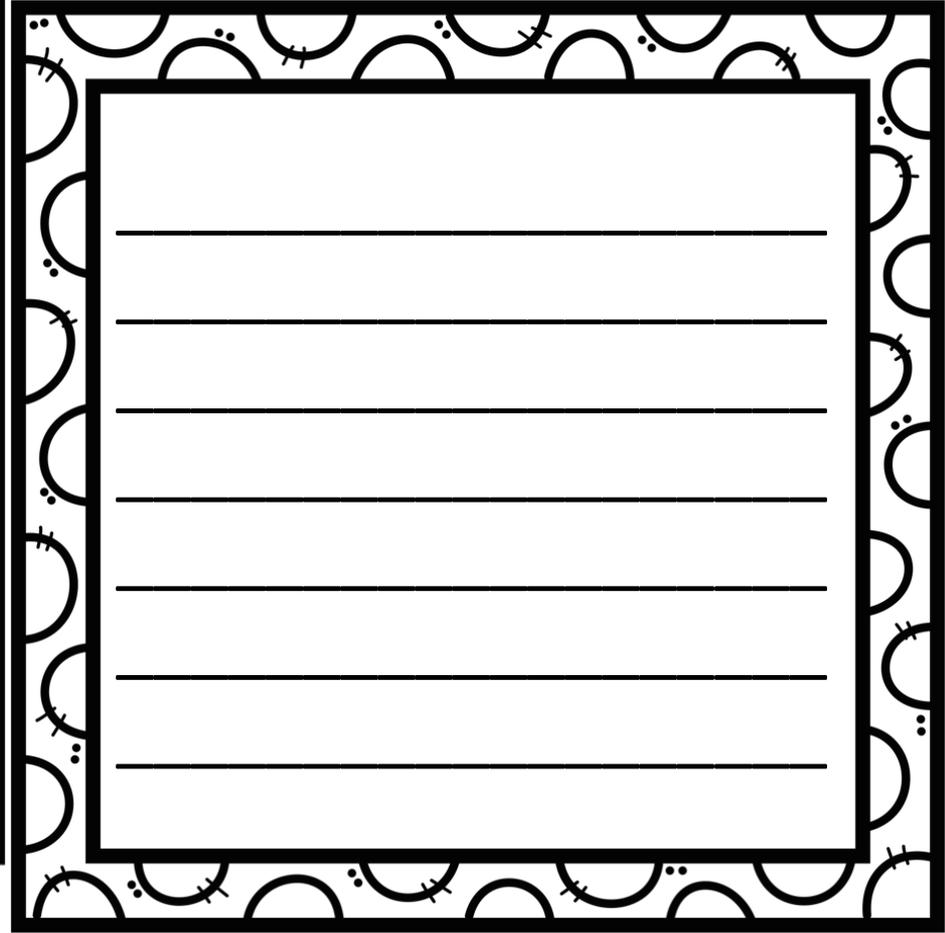
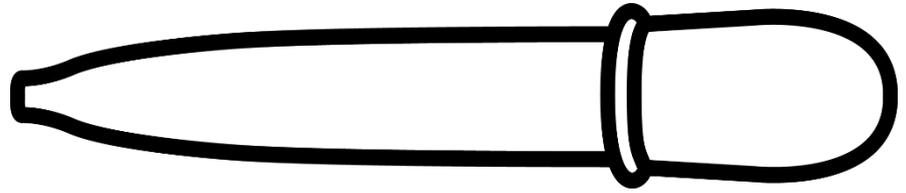
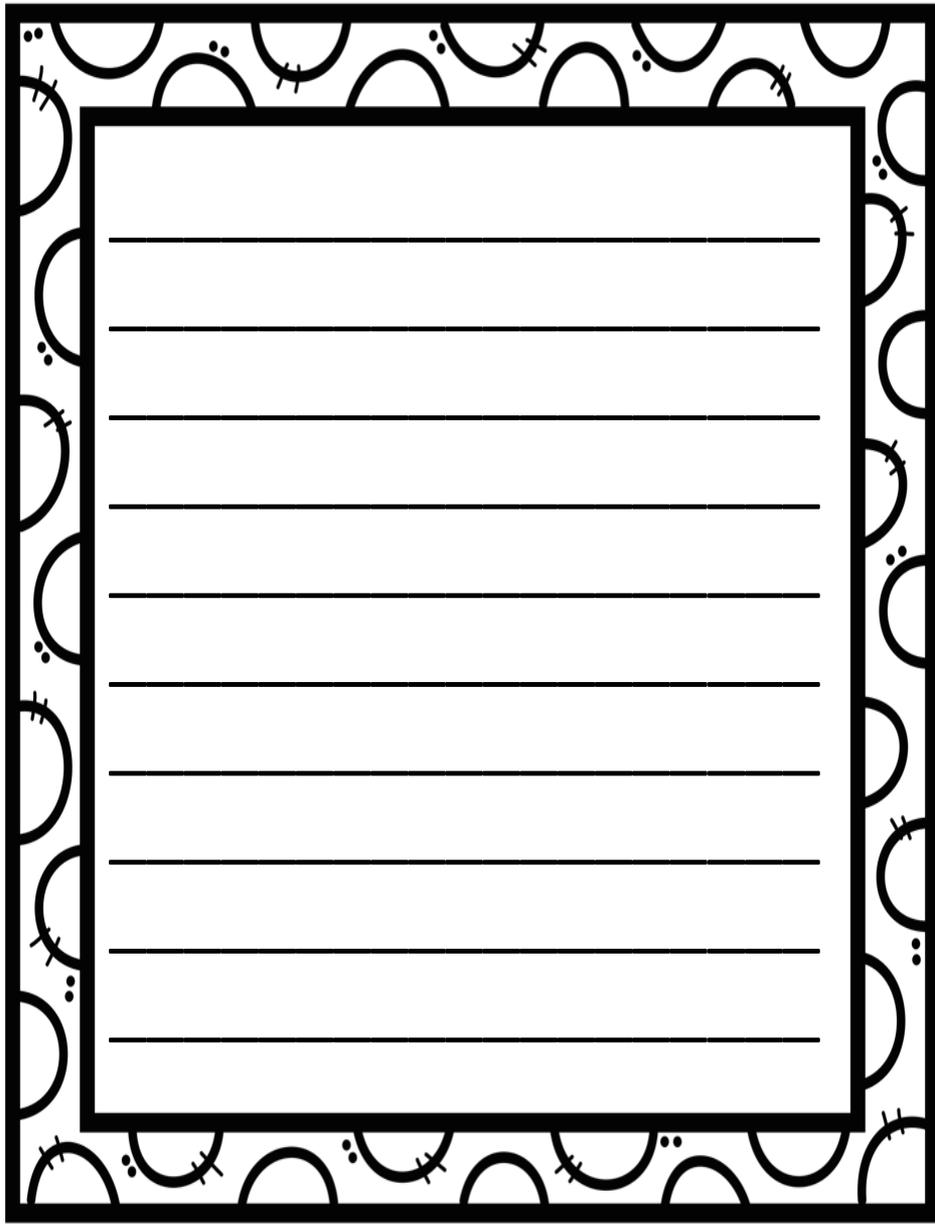
**Variables**

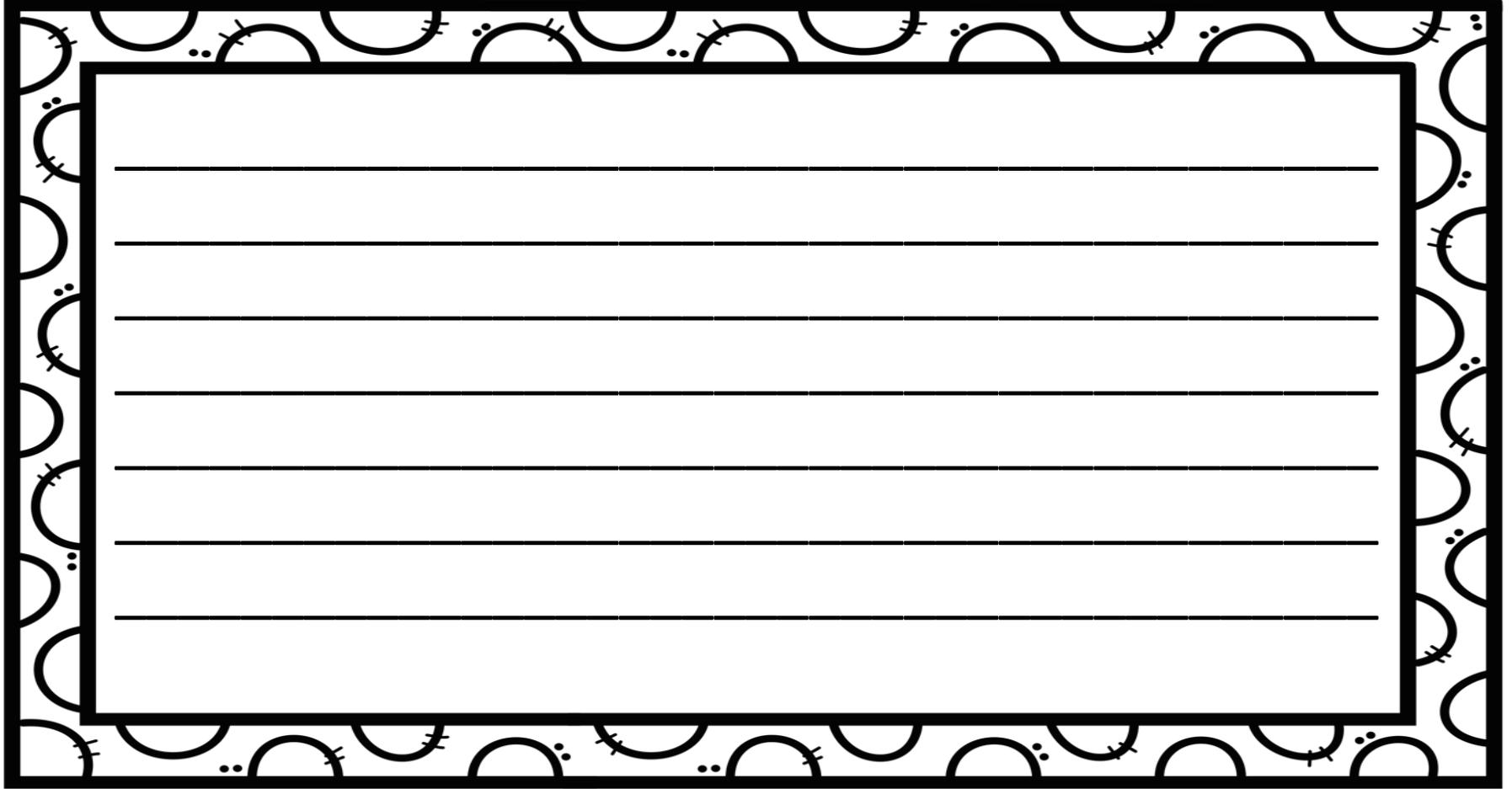
# Project Title

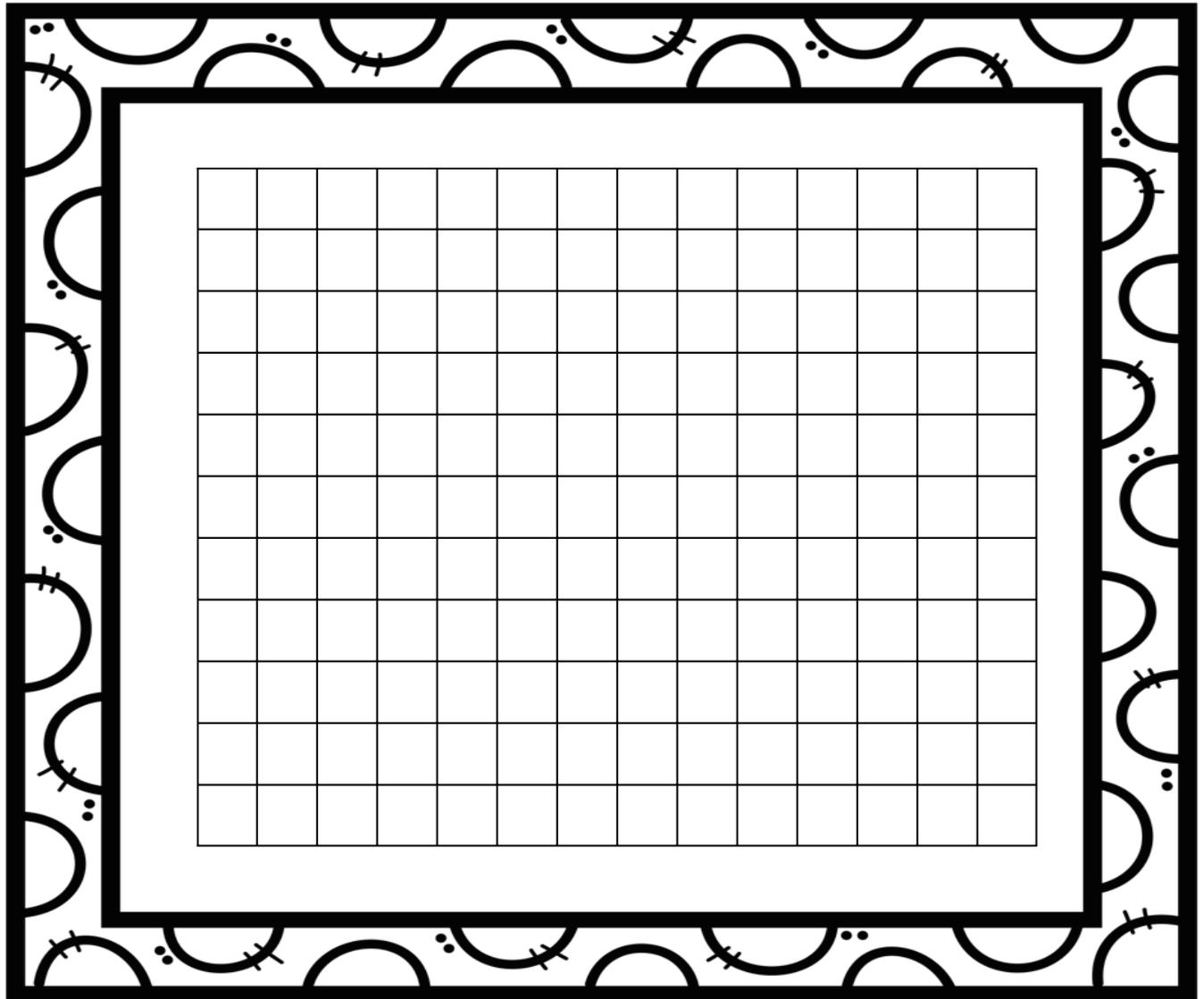
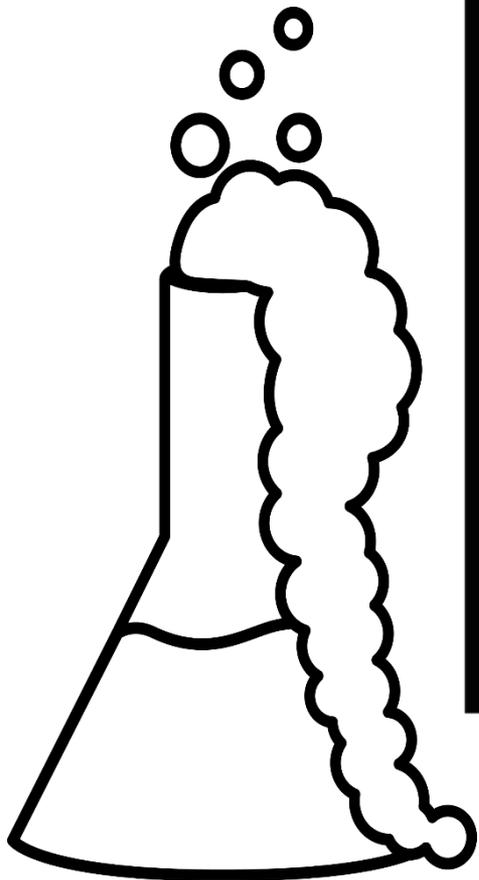


A decorative rectangular frame with a repeating pattern of semi-circles and dots. Inside the frame, there are two horizontal lines for writing.







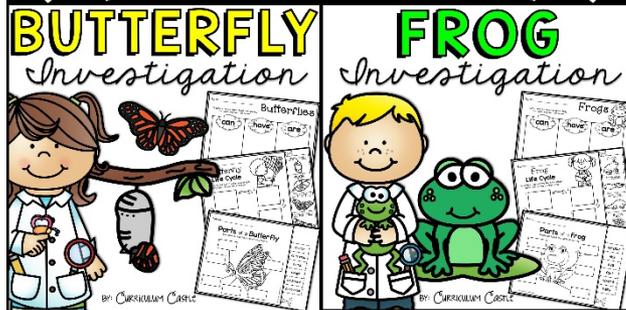


# You may also enjoy these science activities!



**PUMPKIN Investigation**  
**PLANT Investigation**

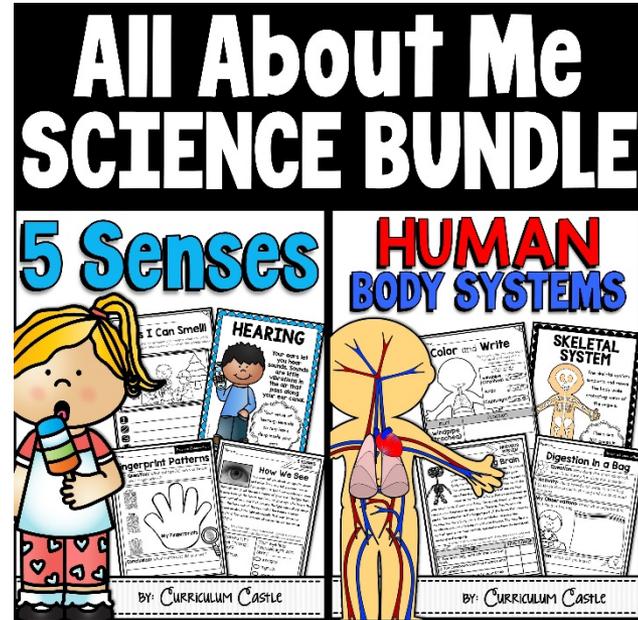
**BUNDLE**



**BUTTERFLY Investigation**  
**FROG Investigation**

BY CURRICULUM CASTLE

This bundle features four investigation cards: Pumpkin, Plant, Butterfly, and Frog. Each card includes a cartoon scientist, a magnifying glass, and various educational diagrams and text boxes related to the subject.



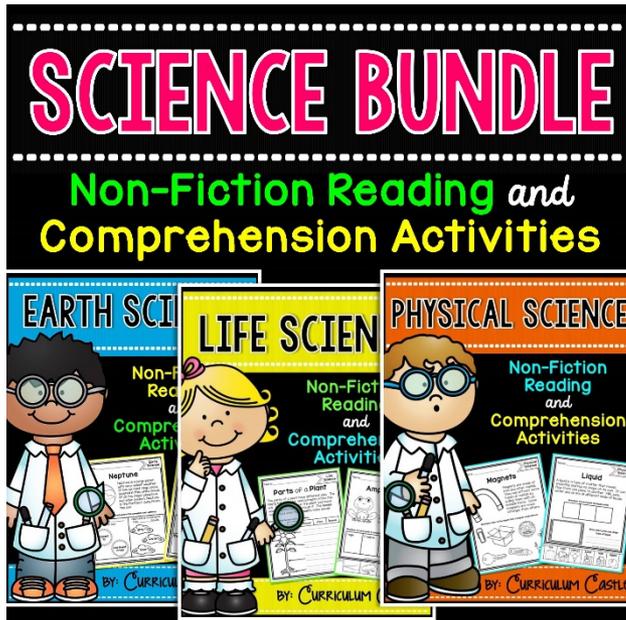
**All About Me SCIENCE BUNDLE**

**5 Senses** **HUMAN BODY SYSTEMS**

**HEARING**  
**SKELETAL SYSTEM**  
**Digestion in a Bag**

BY CURRICULUM CASTLE

This bundle includes activities for the five senses and human body systems. It features a cartoon girl holding a sensory wheel, a boy with a hearing aid, and a girl with a microscope. Educational cards include 'I Can Smell', 'HEARING', 'Color and Write', 'SKELETAL SYSTEM', 'Digestion in a Bag', 'Finger Print Patterns', and 'How We See'.



**SCIENCE BUNDLE**

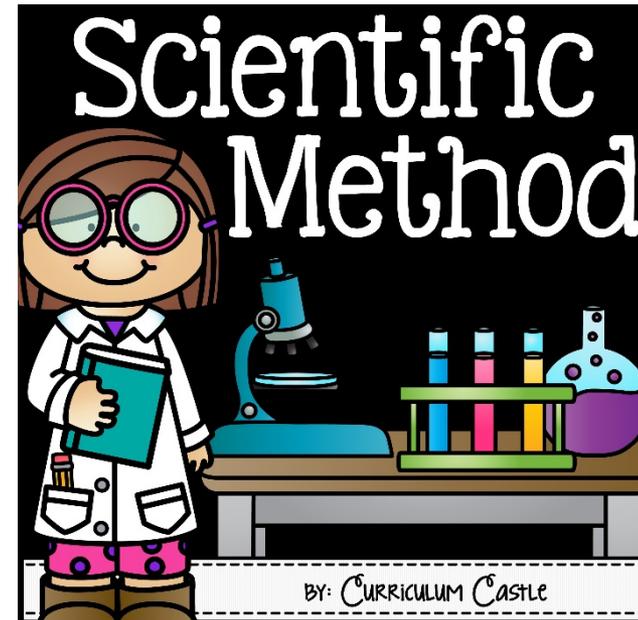
**Non-Fiction Reading and Comprehension Activities**

**EARTH SCI** **LIFE SCIEN** **PHYSICAL SCIENCE**

Non-Fiction Reading and Comprehension Activities

BY CURRICULUM CASTLE

This bundle is divided into three sections: Earth Science, Life Science, and Physical Science. Each section features a cartoon scientist and educational cards with diagrams and text. Topics include 'Neptunes', 'Parts of a Plant', and 'Magnets'.



**Scientific Method**

BY CURRICULUM CASTLE

This bundle features a cartoon girl with glasses and a lab coat holding a notebook. In the background, there is a microscope, a rack of test tubes with colored liquids, and a flask with purple liquid on a lab bench.

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