

Name \_\_\_\_\_

Date \_\_\_\_\_ Per. \_\_\_\_\_

## **Paper Puzzle Lab**

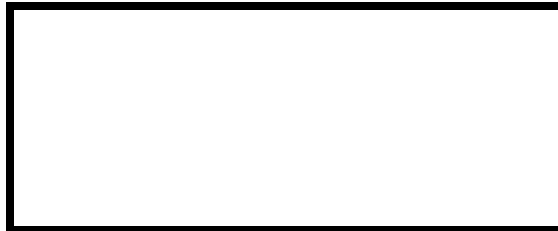
**Procedure:** Using tape, fasten the ends of each 1 ½ X 8 inch strip into a loop. Tape one loop on top of the other so that they are 90 degrees to one another.

**Question:** What shape will result if you make a cut all the way around one of the loops?

**First Prediction:** I predict that when I cut all the way around one of the loops,

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Make a sketch of your prediction.

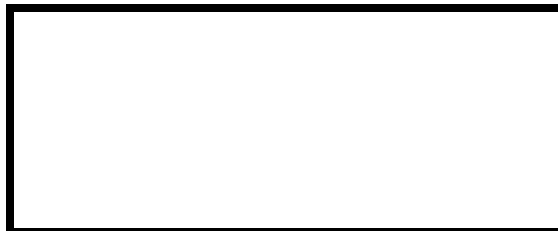


**First Observation:** When I tested my prediction, I observed \_\_\_\_\_

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Make a sketch of your observation.



**Question:** What do you think will happen if you cut the long strip of paper down the middle?

**Second Prediction:** I predict that when I cut the long strip of paper down the middle, \_\_\_\_\_

Make a sketch of your prediction.



**Second Observation:** When I tested my prediction, I observed \_\_\_\_\_

Make a sketch of your observation.



**Conclusion:** In this activity, what seemed to be the “big idea”?

1. We are \_\_\_\_\_ who \_\_\_\_\_ to \_\_\_\_\_  
\_\_\_\_\_ by using the \_\_\_\_\_.

**Discuss how close your predictions were to what actually happened.**

2. My first prediction was \_\_\_\_\_  
\_\_\_\_\_.

It was (right/wrong).

When the loop was cut, the paper ended up looking like \_\_\_\_\_  
\_\_\_\_\_.

3. My second prediction was \_\_\_\_\_  
\_\_\_\_\_.

It was (right/wrong).

When the strip was cut, the paper ended up looking like \_\_\_\_\_  
\_\_\_\_\_.