

Activity 2: Testing Ideas about Gravity

Name _____

Date _____

Class _____

Key Question**Explore Your Ideas****Experiment 1: Is gravity caused by air pressure from Earth's atmosphere?**

1. Do you think that the object will weigh less if the air is removed? Explain your reasoning.

2. Write a paragraph to describe the experiment and its results.

3. Do you think gravity is caused by air pressure from Earth's atmosphere? Why or why not?

Experiment 2: Is gravity caused by Earth's magnetic field?

4. Write a paragraph to describe your experiment and your results.

5. Do you think gravity is caused by the Earth's magnetic field? Why or why not?

Experiment 3: Is gravity caused by Earth's rotation?

6. Write a paragraph to describe your experiment and your results.

7. Do you think gravity is caused by the Earth's rotation? Why or why not?

Make Sense of Your Ideas

1. Have you discovered yet what causes gravity? If not, what have you eliminated as causes of gravity?

Our Consensus Ideas

The key question for this activity is:



What are possible causes for gravity?

Are you and your class able to answer the key question? Explain why or why not.
