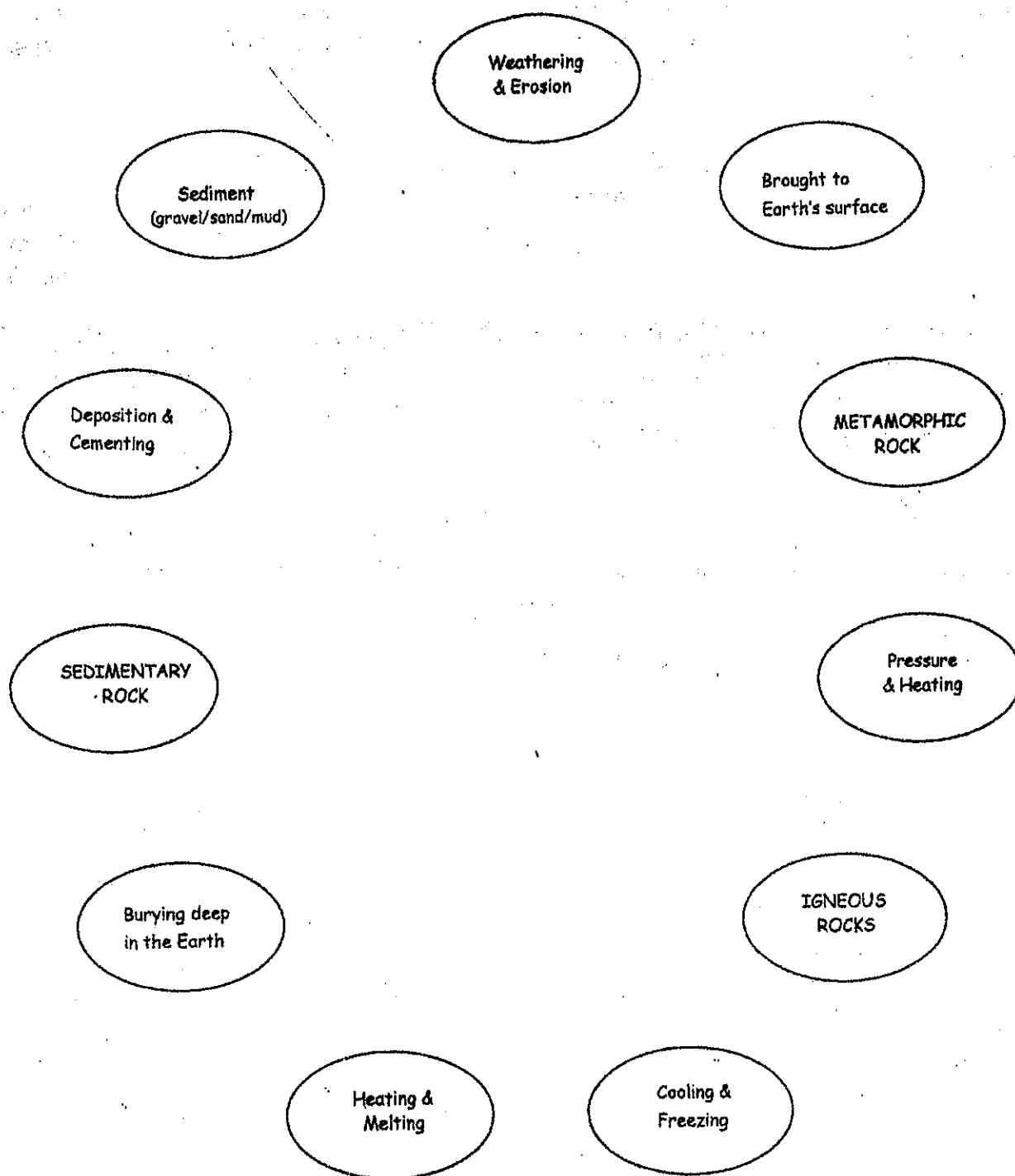


Science 8  
Geology Unit  
Rock Cycle

name \_\_\_\_\_

This activity simulates the processes and sequence of the rock cycle. In the first part, start at any location and roll the "rock dice". Go to where the die tells you, and make sure to mark with an arrow your path. Continue to do this until told to stop. IT IS IMPORTANT TO KEEP AN ACCURATE RECORD OF YOUR JOURNEY!

## ROCK CYCLE PART ONE:



**Rock Cycle Lab Part Two:** use the data collected in Part One to answer these questions:

1. What are the three main classes of rocks?

2. Based on your data, describe how each of the three classes of rocks forms:

3. Look at some of your classmates' rock cycle paths. Did everyone follow the same path? How can this be explained and related to rocks in the "real world"?

4. Why is the rock cycle called a "cycle"? What does this science term mean??

5. Observe the samples of rocks at the different stations. What do you observe about them that can relate to the class of rock they belong to?

6. Let's summarize this activity by drawing a usable rock cycle (we'll do this together!):