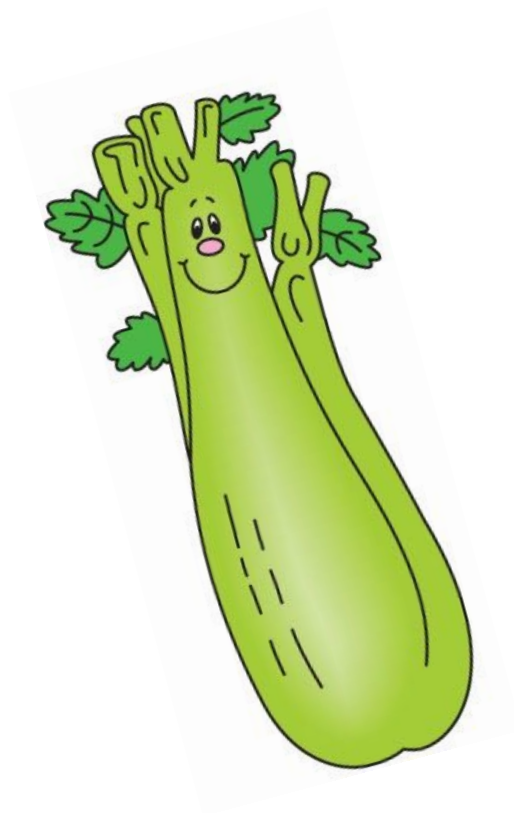


Scientific Journal: Celery Osmosis Experiment



Name:

Date:

The Scientific Process

Scientists make observations.

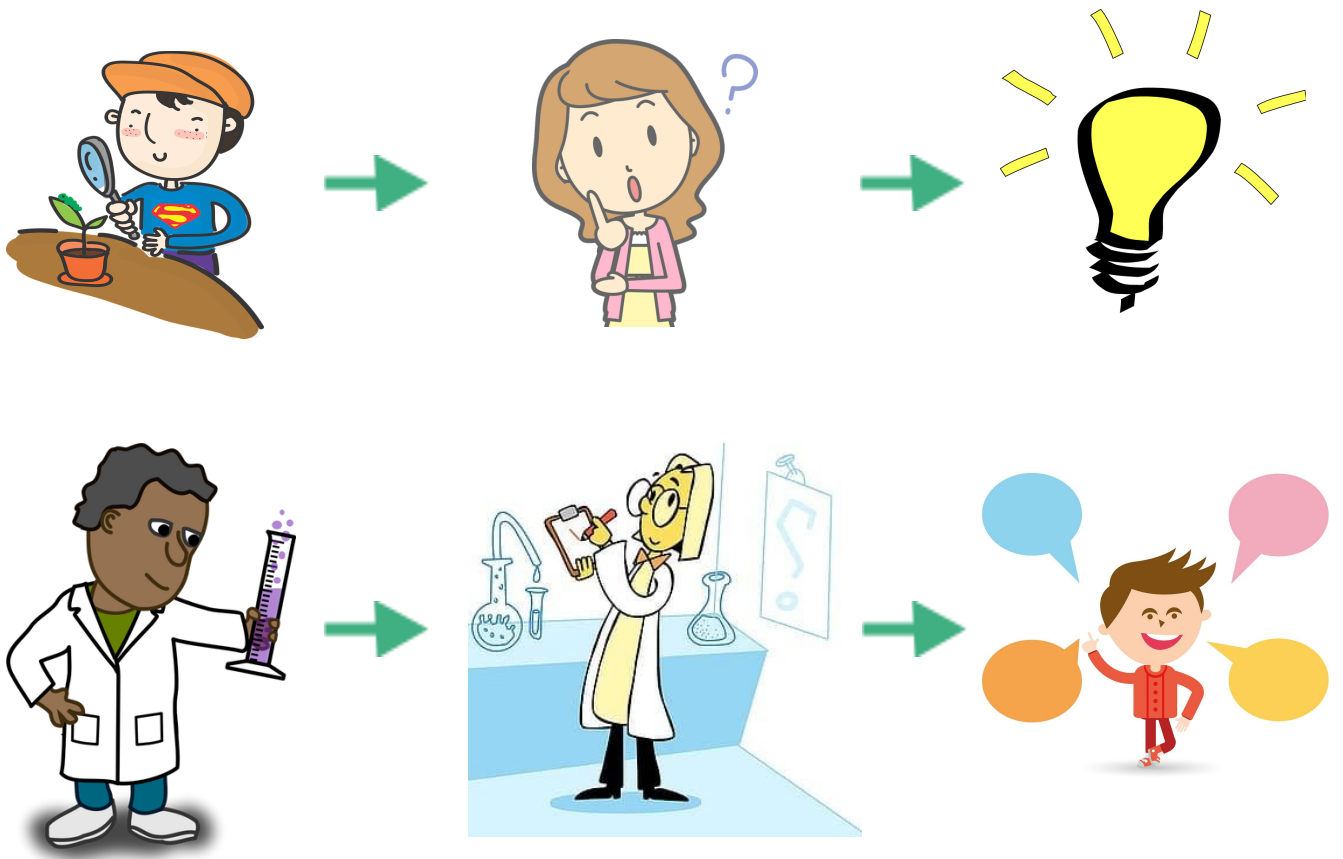
Scientists ask questions.

Scientists make predictions.

Scientists do experiments.

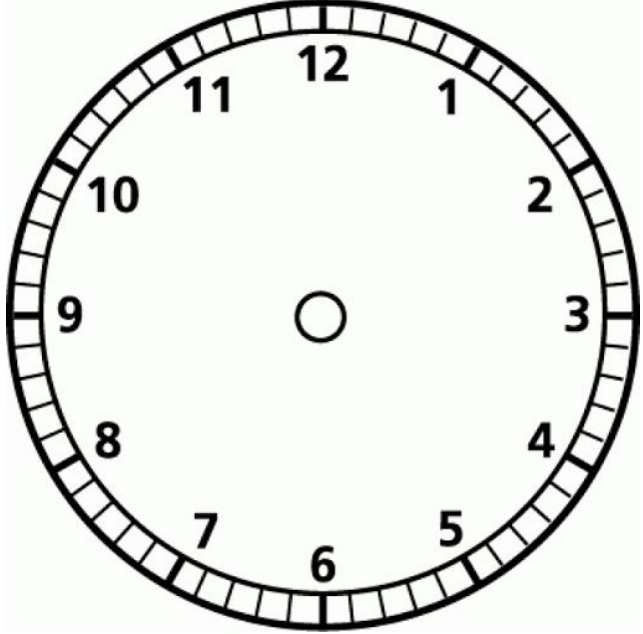
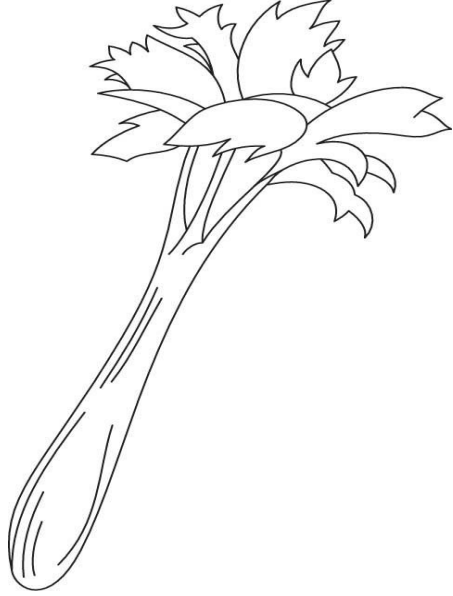
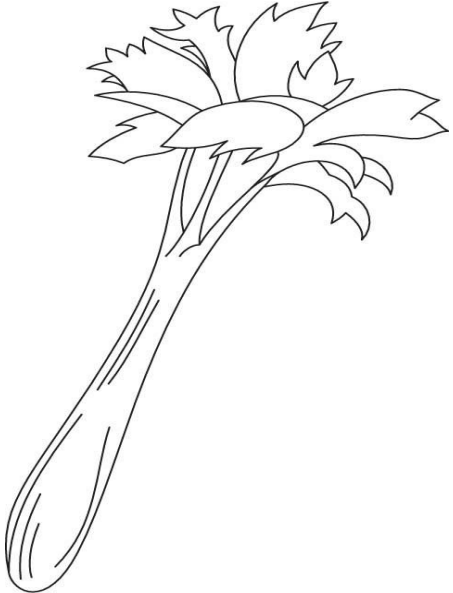

Scientists compare their results to their predictions,

Scientists share what they learned.



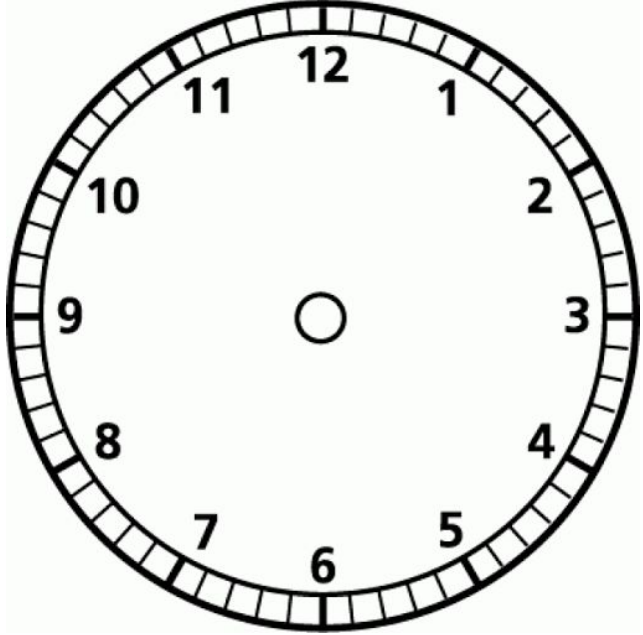
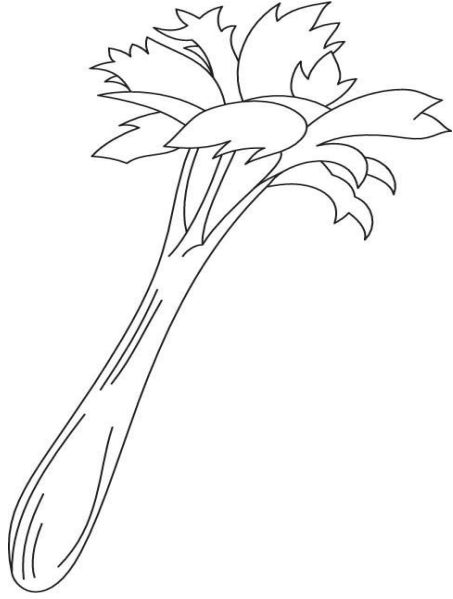


Day 1: Observation Chart

Directions: Look closely at your celery stalks before putting them in the colored water. Use colored pencils to color each stalk to look like yours, then place each celery stalk in a different cup of colored water. Be sure to record the time and water color below.

Record the time on the clock below:	Color of Water:
	
Color of Water:	Color of Water:
	

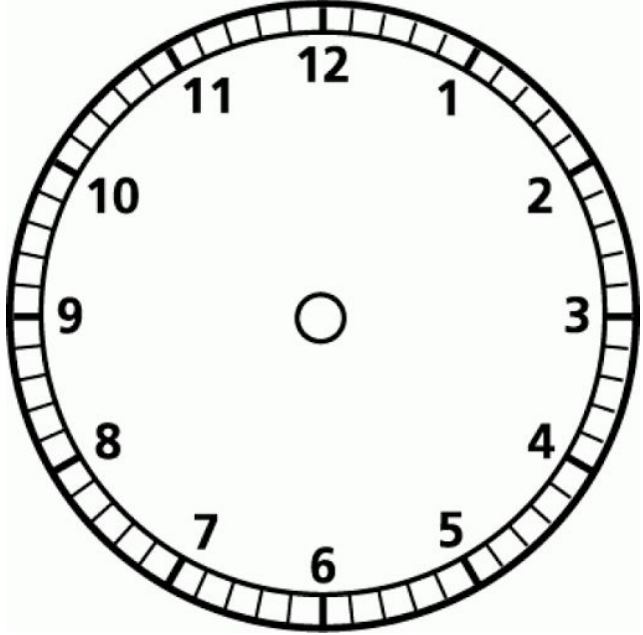
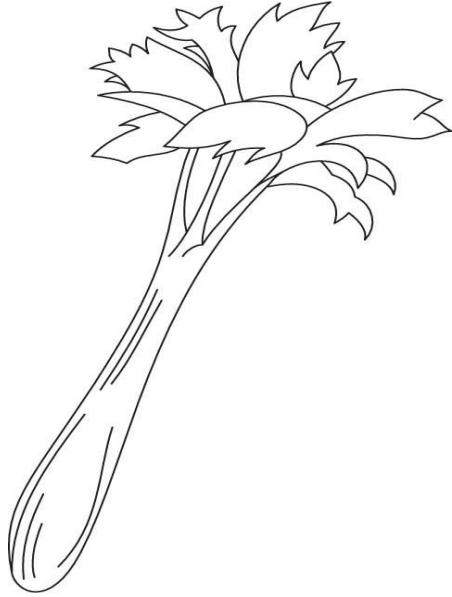


Day 1: Observation Chart

Directions: Go back and look at your celery stalks about two hours after the experiment begins. First, record the time on the clock. Then, use colored pencils to color each celery stalk. Look closely at the cut end, the stalk, and the leaves.

Record the time on the clock below:	Color of Water:
	
Color of Water:	Color of Water:
	

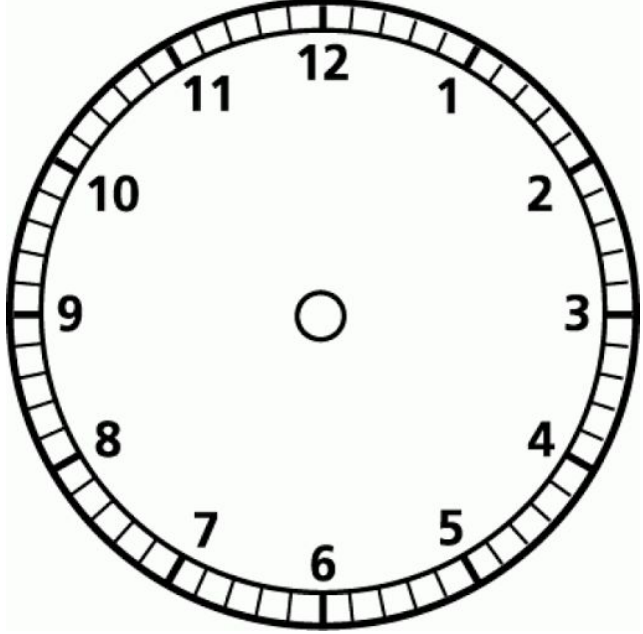



Day 1: Observation Chart

Directions: Go back and look at your celery stalks about two hours after the experiment begins. First, record the time on the clock. Then, use colored pencils to color each celery stalk. Look closely at the cut end, the stalk, and the leaves.

Record the time on the clock below:	Color of Water:
	
Color of Water:	Color of Water:
	

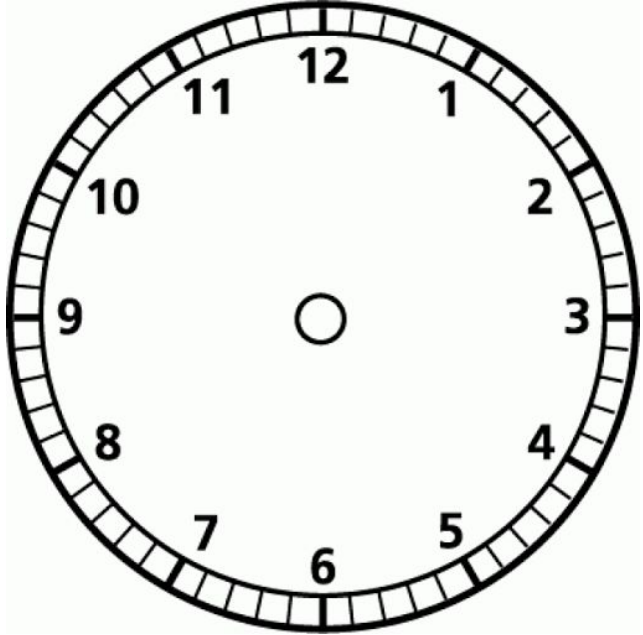



Day 2: Observation Chart

Directions: After all three celery stalks have been in the colored water for a total of 24 hours, use this chart to record new changes.

Record the time on the clock below:	Water Color:
	
Water Color:	Water Color:
	

Day 3: Observation Chart

Directions: After all three celery stalks have been in the colored water for a total of 48 hours, use this chart to record new changes.

Record the time on the clock below:	Water Color:
	
Water Color:	Water Color:
	

Question ♦ Prediction ♦ Summary Chart

Day 1:

Question

Write down a question to guide your research in the space provided.

Prediction

Reread your question. Before the experiments begin, try to answer your question. This is called a prediction. A prediction is made when you think about everything you already know and make a guess about what will happen next. Write your prediction in the space provided.
