

Tissue in Plants

Please join me at the back of the room, we will have a look at our celery.



Celery Experiment

Please complete the following:

- Choose a partner
- Both partners get a copy of the worksheet
- Setup a microscope
- Complete the observations for the worksheet, by following the instructions
- Pack up your microscope
- Complete the remainder of the worksheet individually
- Store your completed worksheet in your binder

If you are complete, you may work on any other work.


Name _____ Date _____

PLANT TISSUE - CELERY

Purpose:
The purpose of this activity is to examine the _____ tissue in celery.

Equipment:

1. Microscope	1. Blade
1. Microscope Slide	1. Celery
1. Cover Slip	1. Goggles
1. Paper Towel	1. Cotton Swab



Procedure:

Day 1:

1. Place a small piece of the celery (approx. 1 cm) in a beaker with 100 ml of water.
2. Observe the celery under a microscope.
3. Draw a diagram of the celery tissue as you see it through the microscope.
4. Label the diagram with the names of the tissues you see.

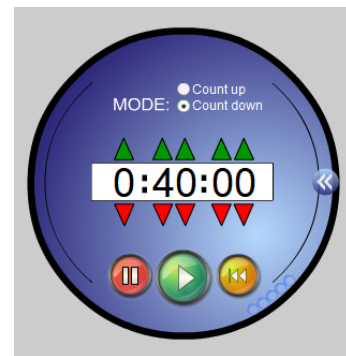
Day 2:

1. Take a small piece from the celery in the beaker.
2. Observe the celery under a microscope.
3. Draw a diagram of the celery tissue as you see it through the microscope.
4. Compare the celery tissue to the celery tissue you saw on Day 1.

How Do We Know We Did It Right?

- The celery is crisp and crunchy.
- The celery is green and has a strong smell.
- The celery is not wilted or limp.
- The celery is not soggy or watery.

Observations:



Attachments

2-20 Celery Experiment.pdf