

Name: _____ Date: _____



Plan and carry out an experiment to show how water is transported within plants. Use the equipment listed below.

Equipment

celery stick (with leaves on if available)

water

plastic container

food dye

Method

1. Pour some water into the container.
2. Add food dye to the water, a few drops at a time, until it is very brightly coloured.
3. Place the celery in the coloured water.
4. After a couple of hours, look carefully at your celery. You may need to cut into it to notice any changes.

Prediction *(What do you think will happen?)*

Diagram *(Draw and label a picture of your experiment once it is set up.)*

Observations *(What can you see? What do you notice happening?)*

Conclusion *(Why do you think this happened? What might happen if you leave the experiment running for longer?)*