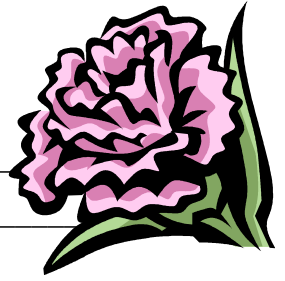


Name: _____ Date: _____

Glowing Flowers Activity – Dyeing Plants Worksheet

Hypothesis

What will happen when the plants are placed in the fluorescent dye?



Observation: Plant 1

Sketch

Description:

Observation: Plant 2

Sketch

Description:

Name: _____ Date: _____

Observation: Plant 3

Sketch

Description:

Results:

1. Where did the dye travel throughout the flower?

2. Which plants/flowers were the brightest from the dye? Why?

3. Engineers design fluorescing proteins that can be replicated within animals and plants for many different purposes. List several purposes where a cell or protein that can glow might be helpful. (Note: Consider medical, environmental, and even space exploration applications.)
