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:
Observation: Plant 3

Sketch

Description:

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Results:

1. Where did the dye travel throughout the flower?

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

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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.)

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