

Inquiry Summary

How do plants know which way to grow in space?



BLM1: Plant Gravitropism Inquiry Summary

Student Name(s): _____

Date: _____

Inquiry Question: What is the testable question for this inquiry?

Hypothesis and Rationale: What do you anticipate/predict your results to show and why?

Observations (see Sequence Organizer)

Conclusion:

Based on our results, we conclude that:

This _____ (proves/disproves) our hypothesis.

Discussion:

What evidence proves or disproves your hypothesis?

What were the variables and what were the controls in this experiment?

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How do plants know which way to grow in space?



Did the leaves experience positive or negative gravitropism? Did the roots experience positive or negative gravitropism?

Were the measurements similar for all of the seeds in each of the CD cases? What could explain differences in sizes between seedlings?

What do you think you would observe if the CD cases were placed on a device that rotated continuously?
