

BEAN PLANT EXPERIMENT

Name: _____

SUPERSTARWORKSHEETS

QUESTION:

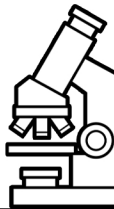
Does a bean plant grow better with sunlight or without sunlight?

HYPOTHESIS:



MATERIALS:

- ☐ 4 plastic zip-lock bags
- ☐ 4 bean seeds
- ☐ paper towels
- ☐ water
- ☐ tape
- ☐ label stickers
- ☐ a sunny window
- ☐ a dark cupboard



PROCEDURE:

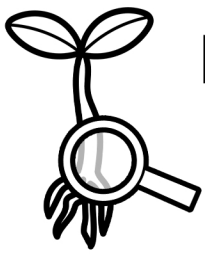
1. Dampen 4 paper towels and place one bean seed inside each paper towel. Fold the paper towel around the seed and place it in a zip-lock bag. Seal the bag.
2. Label 2 bags 'Sunlight' and tape them to a sunny window. Label the other 2 bags 'No Sunlight' and place them inside a dark cupboard or cover completely.
3. Each day, observe both sets of bags. Do not add more water unless the paper towel dries out completely.
4. Record observations on the lab sheet each day. Draw what you see and note changes in color, root growth, or stem growth.
5. After 7-10 days, compare your two groups. Document final observations and write your conclusion.

FINAL OBSERVATIONS:

Bag Group #1: Sunlight

Bag Group #2: No Sunlight

CONCLUSION:



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OBSERVATIONAL JOURNAL

DAY 1:

SUNLIGHT

NO SUNLIGHT

DAY 2:

SUNLIGHT

NO SUNLIGHT

DAY 3:

SUNLIGHT

NO SUNLIGHT

DAY 4:

SUNLIGHT

NO SUNLIGHT

DAY 5:

SUNLIGHT

NO SUNLIGHT

DAY 6-10:

SUNLIGHT

NO SUNLIGHT