

Lab Activity 2C & D

GERMINATION: OBSERVING CHANGES AS A SEED GROWS

Objective: Students will germinate seeds to observe and record changes as the seed grows.

Materials:

- 1-2 lima beans
- a sandwich size bag
- paper towel
- a few drops of bleach (optional)
- a spray bottle of
- seed observation journal with 6-8 recording pages

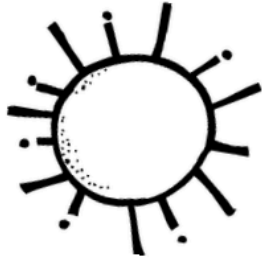


Procedure: Soak lima beans for 5 min. in a bowl of water with a few drops of bleach to prevent mold. Give each student 1 or 2 beans folded in a damp paper towel. Place the paper towel in an **open** sandwich bag to allow air to circulate. Tape the bags to a window, wall or clip to a clothesline. (I've even left them on a counter in a basket.)

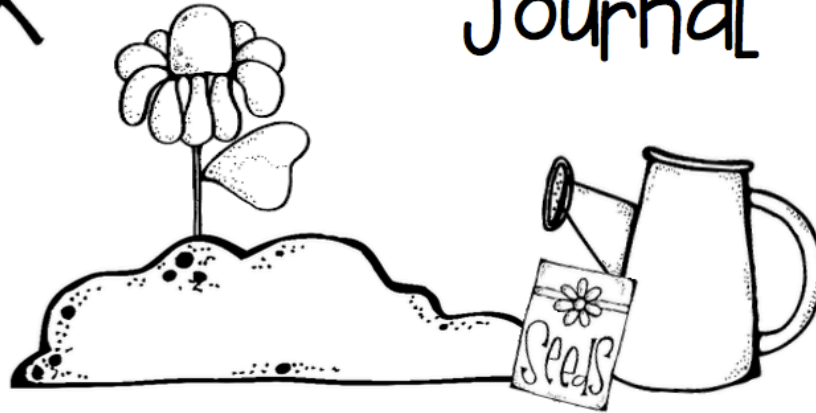
Spray the paper towels lightly to keep them damp if they begin to dry out. Once the seed begins to germinate (It usually takes 3-5 days) it will change quickly for a few days.

Have students check their seeds daily and record any changes. After the initial days of germination, have students check their seeds, observe the changes and record them every 2-3 days. As the plants begin to grow to the top of the bag, you may wish to plant them in a cup with soil for students to take home.





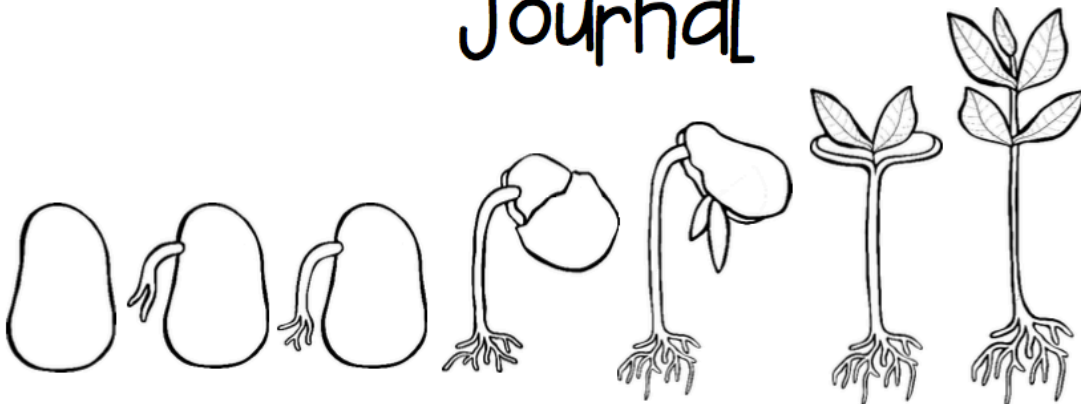
Seed Observation Journal



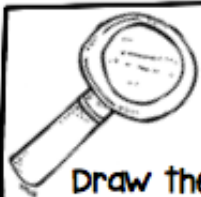
By _____

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Seed Observation Journal



By _____



Day _____

Write about the changes you observe. 

Draw the changes you observe.

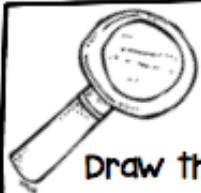
What care did you give your plant today?






My plant measures _____

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Day _____

Write about the changes you observe. 

Draw the changes you observe.

What care did you give your plant today?





My plant measures _____

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