



Activity 10: Grow a Seed!

What does a seed need to grow?

Materials

- seven bean seeds
- three clear plastic drinking cups
- paper towel
- plastic wrap
- elastic band
- marking or masking tap

Procedure

1. Soak the bean seeds in water overnight.
2. Examine one bean closely. Remove the seed coat and split the seed open. Draw what you see on the following page.
3. Crumple three paper towels and fill each cup with the paper towel. Put two bean seeds in each glass.
4. Label the glasses A, B, C.
5. Add just enough water to soak the paper towel in glasses A, B, and C.
6. Cover glass B with plastic wrap. Secure the wrap tightly with an elastic band.
7. Add water to glass C until the cup is almost filled.
8. Place the glasses in a light place, but do not place them in direct sunlight where it might get too hot.

Observations and Conclusions

1. In which cup did the seeds grow the best?

2. From the results of your experiment, predict the best conditions for bean seed growth.
