



Bean Greenhouse

This activity needs two meetings to be completed. The first meeting is to plan and do the activity while the second meeting should dedicate some time to review.



PREPARATION:

- Soak the beans in water overnight
- Create a greenhouse at least a week in advance so that Beavers can see a grown bean and know what they are working towards.
- Keep in mind that the beans might grow at different paces in different seasons and in different temperatures.

THE ACTIVITY:

- After the Beaver Scouts have had some time to share ideas on how they can build a greenhouse, share the instructions below, incorporating their suggestions as possible:
- Fold and soak four paper towels and put them at the bottom of each cup. Add some soil to two of the cups and put one bean in each of the four cups.
- Cover two of the cups (with and without soil) with another cup and tape it around to make the greenhouse.
- Tape the paper rulers to the side of the cups so that you can follow and record the growth of the plants.

SOME BACKGROUND INFORMATION ON GREENHOUSES:

- A greenhouse helps plants grow faster because as the sun shines, the air inside the greenhouse heats up. Because of the closed environment, the cold air cannot replace the warm air as it does in the outdoors and the greenhouse just keeps getting warmer. The greenhouse also limits the loss of moisture, and humid air retains heat better than dry air.

