

Individual Activity Lesson Plan

Date: Friday 1st May 2020

Activity Title: Bean Greenhouse

Learning Intention:

- To observe the cycle of a bean in a greenhouse.

Links to EYFS: Understanding the World:

- Can talk about some of the things they have observed such as plants, animals, natural and found objects.
- Developing an understanding of growth, decay and changes over time.

Activity Overview:

Learn about the different life stages of a bean and create a greenhouse for your bean to observe the stages.

Resources:

- Bean seeds
- Green card paper
- Sandwich size plastic bag with a zip seal
- Tape
- Cotton balls or paper towel
- Scissors
- Colourful crayons/markers

Key vocabulary:

Plant, soil, water, sun, grow, roots, stem, leaves, flower.

ACTIVITY IMPLEMENTATION (including key questions)

Introduction:

- Talk to your child about the vegetables that Oliver found in his Grandpa's garden.
- *How did the vegetables get there?
- *I wonder how we can grow vegetables.
- *Do you know what vegetables and plants need so they can grow?
- Show your child the cycle of a bean attached at the bottom of the lesson plan and discuss together about what is happening there. Support him/her with the vocabulary such as soil, roots, stem, leaves, if needed.
- *Look, this is a little bean planted in soil. Can you see what it needs to grow?
- *What is the first thing that grows? What happens next?
- Click on the following link and watch Eva's video about flowers and growing:
<https://www.youtube.com/watch?v=fnzxisMOMHw&t=76s>

Main Activity:

- Explain to your child that today, he/she is going to make a tiny greenhouse for his/her bean seed. He/she will then observe how it grows.
- Gather the resources listed above.
- Using a green card/paper, cut out the middle rectangle and cut the roof to make a point (see the attached example). If your child is confident with scissors, draw lines for the roof and encourage him/her to cut along.
- Invite your child to decorate/colour the front of the greenhouse.
- Lightly wet two cotton balls or a folded paper towel and place it/them in the plastic bag.
- Place the bean seed in the bag.
- Tape the bag to the back of the greenhouse so that the seed is showing through the open rectangle.
- Hang in a window and enjoy watching the bean grow.



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Challenge:

- Take a photo of your growing bean everyday and compare if it is getting bigger or not.
- Click on the following link and watch a bean grow super fast:

<https://www.youtube.com/watch?v=w77zPAatVTuI>

Additional ways to support your child:

Support and guide your child with holding the scissors in the correct position. Walk him/her throughout the whole process, verbalising what you are doing and why.

Extension:

Suggest to you child to grow a carrot top! Cut the top of a carrot, put it inside a bowl filled with water and watch the green top sprout (it will take a few days).

Click on the link bellow to watch the top grow:

<https://www.youtube.com/watch?v=jvhz7tP8IQE>

