



THE LITTLE SHOOT

MAIN THEME: Life of the plant – Growing and changing of seed to sprout

SHORT DESCRIPTION OF THE ACTIVITY:

In this activity it is a lead on from the little seed, the children will need to have completed it first. So we will now take our gardens in a glove and explain how they have grown and what has happened to them we will then all together explain what happens next in the life cycle of the plant. We will all plant our little seeds together in a new style and not the glove anymore. The children will learn how roots work throughout this workshops and how important they are to the life of a plant.





TARGET AUDIENCE:

30 children aged 3-5 years (EXAMPLE)

TEACHERS INVOLVED:

No. 2

WORKSHOP DURATION:

1 hours for preparing the activity:

90 minutes for the activity with the pupils (EXAMPLE)

OBJECTIVES:

To teach the students about the importance of roots to a plants structure and how they help in their life cycle.

To plant out their sprouts and see how the roots have already grown and will gow downwards into the soil.

To see how different seeds grow different shoots and different roots.





METHODS:

- 1) Get the greenhouses in a glove that were made in the first workshop.
- 2) Each student should remove them carefully by snipping the fingers with scissors, when this is done they should place them in a pot of compost (about 2cm below the compost).
- 3) They should then place compost on top of the seedlings and add water.
- 4) Then they should bring them outside to a greenhouse to keep them warm but help them begin their growth period.
- 5) Making sure to water every day.

PREREQUISITES:

Have all equipment laid out for children on desks

Have old cloths on





Quantities	Materials	Notes
1	PowerPoint	
1	Computer and projector	
1 each	Garden in a glove each	Made in the previous workshop
1 large bag	Compost	
1	Watering can	Filled with water
150	Pots	5 per child for their garden in a glove
30	Sharpies	To write their names and the vegetable on their pots
30 pairs	Gloves	Needed for handling compost
30	Aprons	Needed for compost





HOW TO PROCEED

PHASE 1 - GETTING STARTED: (Time: 10 minutes)

PowerPoint- Start by going through the PowerPoint. Explain that we are going to lead on from our gardens in a glove because they have formed roots and its time to put them in the soil. Then ask the children what roots are. Then begin to go through to PowerPoint to show them what roots are and how they work to protect the plant and help it grow. Then when this part is over get the children to all put on aprons and their gardening gloves.

Then go outside as the next bit is messy and it is better to do it outdoors.





PHASE 2 - EXECUTION: (Time: 60 minutes)

- A. Ask all the children to snip the fingers from their greenhouse gloves, and then ask them to point out the roots, then the shoot to ensure they have been listening during the PowerPoint.
- B. Now follow the method to plant all the shoots into pots, each child should have 5 pots filled with their shoots, and they should have their names clearly in their pots.
- C. Find a space in the green house to lay them all together and then water them.
- D. Have a rota to water the plants on a daily schedule.
- E. The plants should take 2 weeks to mature before the next workshop, which will be “The little Plant”





PHASE 3- CONCLUSION AND EVALUATION (time: 20 minutes)

- When the plants are planted into the pots and placed in the greenhouse the children should clean up the area and come back to the classroom.
- When back inside to check learning has taken place take some time to go over the process of what you did outside.
- Show the children the powerpoint again but the time ask them the questions before you move to the next slide e.g. What is a root for? Why do plants need them?





EVALUATION

Now hand out the exercise sheet and ask the children to fill in the parts of the plant.

When this is done then ask the children to write down what the roots of a plant are used for and why they are so important.





TEACHING TOOLS AND AIDS

Powepoint

Root worksheet

Health and safety sheet for outdoor work in school

