

Focus plan for Knowledge and understanding of the world

(Goals for exploration and investigation)

Activity - Growing different plants

Date -

Learning intention

To develop children's understanding of growth habits in vegetation

Resources

Bulbs, seeds, jars, compost, water, blotting paper, plant pots, tray of sand, dried peas.

How the activity will be carried out

In a group, look at seed potatoes, pea and bean seeds and bulbs. Compare and look at pictures of the full-grown plants. Will they grow above or below ground? Plant some of each in compost/outside in soil. Help the children to line two jam jars with blotting paper, slide two or three bean seeds between paper and glass in one jar and do the same in the other with pea seeds. Pour in a small amount of water, making sure it is soaked up by the blotting paper with some residue. Prepare a tray of damp sand and invite the children to scatter dried peas over it. Place bulbs in a glass bulb jar, filled with water. Watch over a period of time. Record and discuss results.

Questions to ask/Language to use

Seed, bulb, water, soil, compost, light, dark, warmth, wet, dry, watch, roots, shoots, leaves, above, below

Differentiation (Birth to Three)

Talk about what each seed or bulb came from. Look at pictures and talk about what plants need to grow - plant simply, but show other experiments.

Extension

When positioning each seed/bulb, invite children to predict what they think will happen. Record to compare with actual events.

Evaluation