



Roots, shoots and fruits



Entry Point:

- Challenge Milepost 3 children to plant a tree (or shrub) within the school grounds.
- Research the trees growing in your local area, using books and the Internet.

Knowledge Harvest:

- Play a knowledge game to find out what the children know about plants

In Technology we will be:

- **Technology Task 1:** invent a planting device to solve the problem of all seedlings being planted on top of each other.

In Geography we will be finding out:

- **Geography Task 1:** Which plants are the tallest in the world and where do they grow? Find the tallest tree in the school grounds or in the immediate locality and measure its height.

In International we will be finding out:

- **International Task 1:** Ask the children to find out about deforestation in the rainforest

In Science we will be finding out:

- **Science Task 1:** Go out into the school grounds or local area to carry out an investigation into the plants that grow locally. ask the children to try to identify the things they have discovered within each group using classification keys (see example below), local guides, plant catalogues. How many different types of leaves / seeds / fruits / flowers did you find? Write about their shapes, colours and textures.
- **Science Task 2:** Name parts of a plant and their functions.
- **Science Task 3:** Functions of a plant's roots. Children to take measurements and sketch out the root systems of the various plants
- **Science Task 4:** What do plants need in order to live and grow? Investigation
- **Science Task 5:** Grow plants ourselves- taking note of measurements, growth etc.
- **Science Task 6:** How do flowers attract bees and butterflies?
- **Science Task 7:** Reproduction of plants
- **Science Task 8:** Life cycle of a plant