

Planting & Growing Activities

Seed Planting

This is an invaluable opportunity to cover several areas of the National Curriculum in both science and maths.

We have provided a PowerPoint of basic planting instructions and some investigation sheets for your budding investigators.

The experiment sheets can be used for any of the activities marked **Experiment** opposite.

These are starting suggestions for

- developing specific skills
- linking into a variety of areas of the national curriculum
- developing critical thinking and independent learning

If you use them for different activities we'd love to hear about it!



Suggested activities:

- 1. Recycling opportunities** – collecting pots and containers to start the seeds in involves family at home as well as providing opportunities for discussion of recycling and global impact.
Experiment - which containers are most successful and why?
- 2. Mathematical skills development** – measuring volume of collected containers in a variety of ways – displacement, geometry, weight, etc.
Experiment - which method is the most accurate and how can we check it?
- 3. Scientific skills development plants** – what do plants need to grow successfully recap.
Experiment - effect of altering growing conditions (light/moisture/growing material/temperature etc.)
- 4. English/Multimedia technology/literacy opportunities** – creating a display/web article/blog of the planting of the seeds and their development
- 5. Responsibility taking** – recording who is responsible for distinct aspects of the plant care on different days.

Growing Records

We have provided basic growing records for the children to use to record the development of the seeds into young plants.

Again, there are multiple opportunities to explore mathematics through average growth and comparison charts and graphs.

Using a computer programme to record this provides additional skills, and the opportunity for further analysis to stretch and challenge your more able pupils.