

Science: shoots, roots and fruits

Dear Parents,

Over the next 7 weeks we will be following a unit of work on a theme that focuses on ‘Science – Roots, Shoots and Fruits.’

This unit of work is part of the International Primary Curriculum. This curriculum sets out very clearly what children will learn – the learning goals – in three different areas:

1. The subjects of the curriculum. The learning goals for each of these subjects are at least as challenging as anything taught in the curriculum in your child’s own country. In many cases, the learning goals are more challenging.
2. Personal development – the characteristics which will help children become more responsible, independent learners.
3. International understanding – which will help children develop both a sense of the independence of their own country and culture and the interdependence between countries and cultures.

Each unit of work is based around specific targets derived from the learning goals for one or more of the subjects. During this unit we will be focusing on science, technology, geography, and international.

In science, we’ll be finding out:

- what the parts of a plant are.
- what plants need in order to grow.
- how flowers attract insects.
- how plants reproduce.
- how seeds are spread.

In technology, we’ll be finding out:

- how to make a seed disperser.

In international, we’ll be finding out:

- why we need to save rainforest plants.

All of the work we are going to do has been specially written to help your child reach the learning goals. Children will be reading, researching, writing, illustrating, working on their own and working in groups. We will be checking to see how well your child has learned through particular activities and asking children to explain their work, perhaps to you.

We already know the interest you take in your child’s work. If you can, please discuss with your child the work they have done as the term progresses and let them teach you.

Discuss with your child what plants need in order to grow and how we can look after plants – watering, feeding, pruning and so on. Find out why flowering plants need insects for pollination and how different plants reproduce.



By the end of the unit, we hope your child has achieved all of the learning targets. We hope they have had an enjoyable time in the classroom. And we hope you have enjoyed seeing your child work with enthusiasm. If you have any comments about the work your child has done, please get in touch.

