

The children are presented with a cheque for £100 and challenged by Mr Dowling from the allotment society to transform the courtyard into a calm, purposeful outdoor learning area. As scientists the children will investigate what plants need to grow. They will learn that flowering plants create seeds to reproduce and that plants need water and light to grow healthily. They will pose their own questions and seek to investigate them through devising their own investigations. They will describe what happens and begin to offer ideas to explain why. They will keep complete records of all their science activities. Through sharing a range of stories and poems set in gardens they will imagine and create their own miniature garden and write detailed descriptions of them. They will also be challenged by Rev James Bruce to add another flower bed to our Spiritual Garden. They will share their garden with the other classes an Open Garden day.

In **Science** the children will...

- Learn that there are a variety of seeds that grow into plants and trees, and how seeds are dispersed.
- Learn to recognise and name the main parts of flowering plants and the job of the different parts of a plant
- Consider what they want to find out about plants and growing.
- Plan and carry out their own investigations.
- Investigate what seeds need to germinate.
- Learn what plants need to grow by observing the outcome of their experiments

In **ICT**:

- Use the cameras to keep a visual log of their plants' growth.
- They will use a paint package to create digital art.

In **Maths**

Whilst carrying out their experiments the children will...

- Compare, describe, measure, record and solve practical problems for lengths and heights, mass or weight, capacity and volume and time.

# Grow For It!

In **English** the children will...

- Write a report about their scientific observations of experiments.
- Listen to and enjoy a range of poetry and stories discuss how the words have been chosen.
- Generate descriptive language to help them write imaginatively.
- Write descriptive passages describing a garden.

Home Learning

We have found some seeds in the shed, but unfortunately the labels are missing. Your challenge is to grow the seeds and tell us what you have found out and noticed.

In **Geography** the children will...

- Set up a weather station in the school grounds
- Begin to recognise seasonal and daily weather patterns
- Collect and record data for our class weather board

**Spirituality**

- Enjoy peace and stillness and appreciate personal space
- Think deeply about the world around them and find things that amaze and inspire them.

**Thinking**

- I can use a thinking tool to organise my ideas.
- I can think of different ways to do things and choose the idea I think will work best.