

St. Anne's Catholic Primary School

Year 2 Knowledge Organiser

'We are Scientists'

"Loving God In All We Do."



The 'We are Scientists' topic is about ...

exploring plants, trees, seeds and fruits across the curriculum in a fun, investigative way. The children will be engaging in a wealth of outdoor learning tasks across our school grounds: planting, observing, classifying and growing. We then can't wait for them to take their findings back to the classroom to learn about the life cycles of plants, and the best conditions for plant growth and survival.

The wider curriculum tasks are also inspired by all things that grow! The children will be developing their observational and comparative skills through Art and Geography sessions.

What we already know...

The children may be familiar with common names of flowers, examples of deciduous and evergreen trees, and plant structures (including leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem), but this will be revisited.

They will have compared familiar plants; describing how they were able to identify and group them, and drawing diagrams showing the parts of different plants including trees. They have kept records of how plants have changed over time, for example the leaves falling off trees and buds opening; and compare and contrast what they have found out about different plants.

By the end of the topic we will know...

The children will use the local environment to observe how different plants grow. They will be introduced to what plants need for germination, growth and survival, as well as to the processes of reproduction and growth in plants.

They will work scientifically by: observing and recording the growth of a variety of plants as they change over time from a seed or bulb, or observing similar plants at different stages of growth; setting up a comparative test to show that plants need light and water to stay healthy.

Vocabulary

Science

Deciduous/ evergreen

Leaves

Flowers

Petals

Fruit

Roots

Bulb

Seed

Trunk

Branches

Stem

Germination

Life cycle

Observing/ comparing

Geography

Season

Weather

Art

Colour, shape, line

Similarities/ differences

Media

Computing

BPM (Beats per minute)

Digitally

Instruments

Composition

Sound effects

Soundtrack

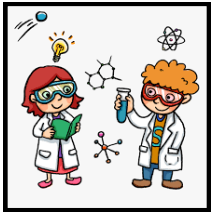
Tempo

Music

Compose

Improvise

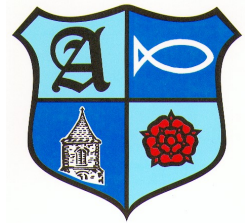
Listen & appraise



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Wider curriculum learning

The wider curriculum this term is linked to our driver subject: Science, more specifically, plants & fruits. In Art, the children will be producing observational work inspired by Cezanne & Renoir using a range of media. In the same week, they will be designing and making their own fruit salads and also learning about where their chosen fruits come from. In Geography, the children will be looking at seasonal and weather patterns and the effect on the environment. We are looking forward to making music (composing) in both Music and Computing sessions.

We are going to read a range of texts from the 'genre':

Stories with a familiar setting

The children will be able to write their own story based on the story 'The Boy Who grew Dragons' by Andy Shepherd.

Classic poetry

The children will be able to write a simple poems, based on 'What is pink?' by Christina Rossetti, linked to their work on the seasons.

Riddles

The children will then write a riddle about a mystery fruit, linked to their work in Cooking & Nutrition.

In collaborative learning this half-term we are going to...

The children will be designing and making their own fruit salad, using cutting, peeling and chopping skills.

Let's try this at home

Have fun in the garden by planting vegetables, fruit or plants.

Enjoy some outdoor art: making a sun catcher, a stone sculpture or a bird feeder.

Try some fruits that you have never tasted before: a dragon fruit, a fig, a star fruit, papaya, mango, guava.

Read some other books by Andy Shepherd.

Key dates for this half-term

Summer term: Monday, 12th April—Friday, 28th May. **Bank holiday:** Monday, 3rd May

PE Days: Monday & Thursday. Please wear full school PE kit & trainers. Please bring in water bottles.

Reading books: Changed on Fridays. **Homework:** Set on Class Charts/ My Maths/ Education City on Fridays.

Walk to School Week: Monday, 17th — Friday, 21st May.