



St. Edmund's Catholic Primary School

Year 3 4 Knowledge Organiser

Explore — Summer B2

The 'Discover' topic is about new life, plants and growing different fruits, vegetables and other food. In Science, the children will learn about flowering plants and how each different works together to promote growth. In art, the children will learn how to create self portraits using fruit and vegetables. In the style of Archimbaldo. In computing they will be recording their Science data on a spread sheet and in music listening to different compositions from around the world. As part of our English work, the children will be writing their own playscript based on a short animated film, having a debate about the best place to build a bridge and learning poetry.

What we already know...

Most of the children know about flowering and non-flowering plants however, they need to learn more about which ones grow best in different locations and habitats and why. Some of the children know how to draw a portrait using different grades of pencil, however, the majority will not have created a portrait using fruit and vegetables to represent different features.

By the end of the topic we will know

Why different types of plants grow better in certain environments than others. We will create a local guide to help people to understand which animals live in certain habitats and why. We will broaden our range of art skills by using fruit and vegetables to represent the features of human faces when used in portraits.

By the end of the topic we will be able to

Conduct a scientific investigation and record the data on a spreadsheet.

Create and use a classification key when classifying the animals we find in different habitats.

Understand how different counties in England grow different types of food because of the type of soil and climate within the local area.

Let's try this at home

If you would like to learn more about animals and their environments, here are a few ideas.

When walking out in the local area, see how many different types of plants you can spot and record their location using photographs.

Research the different types of animals and insects found in different locations such as a pond, woodland, grassland, ocean, desert, polar regions etc.

Find out about the county of Lancashire. Have a look at its location on a map.

Key Dates for this half term

At the end of this topic, the children will create an exhibition and have an explorers and botanists day where they will take part in different activities including leaf printing and creating pictures using entirely natural materials.

Vocabulary

Science: local environment, habitat, species, living things, grouping, classifying, explore, classification keys, guide, variety, flowering and non-flowering plants, investigate, seasons, types.

Geography: Location, region, county, city, landscape, topography, mountains, coasts, rivers, human, physical, characteristics, soil type, land use, changes, identify, United Kingdom,

Art: portrait, fruit, vegetable, features, eyes, nose, mouth, cheeks, shape form, position, centre, left, right, natural, food dye, leaf rubbings, flower collage panorama.

Computing: spreadsheets, models, simulations, data, cells, organise, produce, line and block graphs, explore, patterns, relationships, series, format, budget.

Music: creating, composing, Xylophone, Glockenspiel, compose, dynamics, tempo, accompany, correct musical notes.

RE: reconciliation, building bridges, extraordinary, ordinary, saints, Sikhism, Gurus, Holy Books, sacrament.

French: The children will learn the french and English vocabulary related to the topic of Where in the world.

We are going to read...

Different examples of playscripts based on well know fairy tales

Examples of written and spoken debate on different topics, focusing on how arguments are presented and backed up by reasoned arguments.

Different types of poems.