

Sapphire Class
Years 3 & 4
Spring 2020

The Veitch Family

Trips/Visitors:
Bygones Museum
The Lamp post Trail

Mathematics

Place Value

Addition and Subtraction
Multiplication and Division
Statistics, Time,
Coordinates, Directional
language, Shape, Compass
Points, Fractions,
Measurement, Length,
Times Tables – By the end
of year 4 the children need
to know all times tables up
to 12x12 with division facts.

Enquiry Questions/ Lines of Investigation

Social: What are the responsibilities people have to nurture and protect plant life?
Political: How much focus should there be on a national or international scale about plants and plant reproduction?
Historical: How have plant hunters of the past impacted on the flora of today in our society?
Environmental: What effects does global warming have on plant life?
Critical: What lengths should horticulturalists go to in order to protect vulnerable seedling - and at what cost?
Ethical: Is it ethical to relocate seedlings to new lands and manipulate their growth/survival for wealth/aesthetics?
Philosophical: Can there be life without plants?
Spiritual: Does flora bring more to society than just a landscape or habitat or food source for insects and animals?

English

Spellings will continue and tests will take place every Friday. Children have been sent the spelling lists home.
We will be creating:
Reports
Letters
Diary entries
Non-fiction texts
Advertising
Poetry
Reading a variety of genres linked to our theme and the wider world.

Personal, Social and Emotional Development

RE – People of God: What is it like to follow God?
How do festivals and worship show what matters to a muslim?
PSHE – One Decision scheme.

Computing

Internet safety. Research using the internet safely and record findings using 'Word'.

Creative Development

Art/DT – Design and build a Victorian inspired dolls house with furniture and electricity. Plants observational line drawings.
Music – Charanga and Ocarinas. Class acapella songs.

Physical Development

Outdoor Athletics and Invasion games- Saints Soccer School
Indoor PE – Dance (The water cycle)

Knowledge and Understanding of the World

A team of expert 'Plant Hunters'- are needed to travel the World in search for rare, unusual plants, seeds and seedlings in difficult to reach foreign lands. They must be prepared to risk life in their search and at the request/demand of the Veitch family and wealthy Victorians.

History – A local history study reflecting on Victorian Britain and the Veitch family.

Geography – Field work linked to the Veitch lamp post trail in Exeter.

Science –

Plants: We will be exploring functions of flowering plants and what they need to life and growth. How water is transported within plants and the part flowers play in the life cycle of flowing plants.

Electricity: As a result of the industrial revolution, electricity was soon seen throughout the homes of the wealthy in Victorian times. Within our own scientific enquiry, we will be learning about series and parallel circuits, that switches open and close a circuit and recognise some common conductors and insulators, and associate metals with being good conductors. Or circuits will form part of our class dolls house in DT.

Light: Glass houses adorned the gardens of the wealthy in the Victorian era. Victorian gardeners and seed hunters needed to study and understood the importance of light and shade. We will recognise the need for light and that dark is the absence of light, notice that light is reflected from surfaces, how shadows are formed and that the size of shadows change.