



# Year 3 Summer Term Curriculum Map

## Maths

- **Fractions:** Review prior learning on unit and non-unit fractions. Students will compare and order fractions and begin to understand fractions in real-life contexts using scale.
- **Mass & Capacity:** use scales, measure using grams and kilograms, add and subtract mass, measure using litres and millilitres and add and subtract volume.
- **Money:** Recognise pounds and pence, add and subtract money and find change.
- **Time:** Recognise digital time, use a.m. and p.m., time across a year and problem solving with time.
- **Statistics:** Recognise and record data using pictograms and bar charts.

## Design and Technology

### Structures: Flood proof housing: Sticky Knowledge:

- To know that all structures have 4 main functions which are:
- Helps with movement, Protect, Support and Enclose
- To know how to strengthen, stiffen and reinforce a shell and frame structure.
- To know that some materials are waterproof.
- To know how to design a product to fit a specific purpose.
- To know how successful their product is and what they would do to further improve it.

## Art and Design

### Natural Disasters using chalk pastels in the style of Stephanie Peters –Sticky Knowledge

- To know and identify primary, warm and cool colours on a colour wheel.
- To know how an artist uses tone, media and techniques to create a desired effect.
- To know how to use a range of chalk pastel techniques which can be used to create texture, tone and form. (such as: blending, little strokes, hatching/cross hatching, side strokes/layered side strokes, feathering, twisting, pointillism, drawing).
- To know how to draw inspiration from the work of others to create pieces of art.

## Computing

### Data and information (Summer 1) - Sticky Knowledge

- Objects can be ordered or sorted using a branching database.
- Questions need to be "yes / no" answered.
- Some questions can have more than one option as an answer.
- Question order will change the next questions / answers.
- Organising data can be completed through key questions.
- How data can be used.
- Knowing who owns certain data.

### Programming a sequence of sounds (Summer 2) – sticky knowledge

- Use different representations of sound to create a sequence of music.

## English

### Please find below the core texts we will be using and the text type we will be writing.

- The Wild Robot (Narrative – story and diary/experience report)
- Little People Big Dreams, Mary Anning
- Escape to Pompeii - narrative
- Earth Shattering Events – information text
- Flood – setting description and narrative
- Letter to new teacher

## History

### Ancient Egyptians– Sticky Knowledge

- The Ancient Egyptians were one of the earliest civilisations that ran at the same time period as the Stone Age-Iron Age.
- The Egyptians settled near the River Nile, which allowed them to survive the climate in Egypt. It allowed them to fish, farm, drink, trade, grow Papyrus (paper) and build houses (from the mud).
- The Egyptian leaders were called Pharaohs. They were mainly men.
- After 30 years, Pharaohs became Gods and Goddesses through a ritual.
- One Pharaoh discovered was called King Tutankhamun. His tomb was found by Howard Carter.
- Ancient Egyptians believed in an afterlife. This meant they had a process to death called mummification.

## Geography

### What causes a natural disaster? – Sticky Knowledge.

- To know that a natural disaster is an event that has the potential to cause great harm to people and property.
- To know the Earth is composed of four different layers: the inner core, the outer core the mantle and the crust.
- To know that that Earth's crust is split into tectonic plates which float on top of the mantle below the ground and sea level.
- and earthquakes take place.

## PE

Character Awards  
Athletics

## Music

### Rhythm (Spring 1):

- Children will explore how rhythms can be created by using syllable patterns from simple spoken phrases.

### Pitch (Spring 2):

- Children will learn about using pitch to create different moods and emotional responses and will use some of the music they have heard as inspiration to create their own work.

## Science

### Rocks – Sticky Knowledge

- Rock is a naturally occurring material.
- There are different types of rock e.g. sandstone, limestone, slate etc. which have different properties.
- They may absorb water.  
Soils are made up of pieces of ground down rock which may be mixed with plant and animal material (organic matter).
- There are three main types of rock: igneous, sedimentary and metamorphic.
- Some rocks contain fossils - these were formed millions of years ago.
- When plants and animals died, they fell to the seabed. They became covered and squashed by other material. Over time the dissolving animal and plant matter is replaced by minerals from the water.

## PSHE

### Why should eat well and look after our teeth? - Sticky Knowledge:

- Know how to maintain good oral hygiene (including regular brushing and flossing).
- Know how people make choices about what to eat and drink, including who or what influences these.
- Know how regular physical activity benefits bodies and feelings.

### Why should we keep active and stay well? - Sticky Knowledge:

- Know how regular physical activity benefits bodies and feelings.
- Know how the lack of physical activity can affect health and wellbeing.
- Know how lack of sleep can affect the body and mood.

## Religious Education

### Summer 1: What kind of world did Jesus want? Sticky Knowledge:

- How do Christians try to show love for all, including how Christian leaders try to follow Jesus' teaching in different ways.
- How do people try to make the world a better place?
- Give some examples of how people try to live.
- How do people put their differences and their beliefs into action?

### Summer 2: How and why do people try to make the world a better place? Sticky Knowledge:

- Can you make simple links between teachings about how to live and ways in which people try to make the world a better.
- How can you to describe some examples of how people try to live in the world.
- To know how to Identify some differences in how people put their beliefs into action.