



# Year 3 Autumn Term Curriculum Map

## Maths

- **Place Value:** Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). Read and write numbers up to 1000.
- **Addition & Subtraction:** Add and subtract three-digit numbers using a range of strategies including column method.
- **Multiplication & Division:** Multiple and divide by 2, 3, 4, 5, 8 and 10. Counting in multiples of 2, 4 and 8. Recognise patterns within multiples of 2, 4 and 8. Share and group multiplication facts. Multiply and divide 2-digit numbers by 1-digit numbers.

## History

### Stone Age to Iron Age – Sticky Knowledge

- The Stone Age is the earliest period of human culture.
- Evidence of the past is based on interpretation of artefacts.
- Bronze Age is named after the introduction and use of Bronze.
- Iron Age named after Iron weapons.
- Iron Age people were called the Celts and lived in tribes and fought for land and power.

## Geography

### Is the UK the same everywhere? – Sticky Knowledge.

- The UK is divided into counties.
- How to locate and name some counties in the UK.
- How to locate major towns and cities in the UK.
- The physical features in the UK, including hills, mountains, coasts and rivers.
- Some human features relating to the UK found in London, Edinburgh, Cardiff and Dublin.
- How to compare different places in the UK based upon physical features and weather patterns.

## Computing

### Connecting computers (Autumn 1) – Sticky Knowledge

- Input, processes and output are parts of digital design.
- Networks have a server, a switch, wires and wireless access point.
- Digital devices can be connected through WIFI or mobile phone network.

### Creating media: stop-frame animation (Autumn 2) – Sticky Knowledge

- Stop-frame animation creates movement frame by frame.
- Small movements and onion skinning techniques are effective for stop-motion.
- Other media such as text, music and sound effects can be added to enhance animations.

## English

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

- Billy and the Minpins – letter and descriptive.
- Topsy-Turvy world – poem.
- The Journey – narrative.
- Stone Age Boy – diary and explanation text.
- The boy and the hare – narrative.

## Art and Design

### Using water colour inspired by Georgia O'Keefe – Sticky Knowledge

- To know the different grades of pencil and the different techniques.
- To know the techniques of watercolour to create a wash.

## Design and Technology

### Patchwork quilt (Autumn 1) & Eating seasonably (Autumn 2)- Sticky Knowledge:

#### Autumn 1:

- To know that products are designed for a purpose.
- To know the names of a range of materials and tools that they will use.
- To know how to select the appropriate tools and materials for the project.

#### Autumn 2:

- Not all fruits and vegetables can be grown in the UK and that imported food is food that has been brought into the country.
- To know which fruit and vegetables are seasonal in the autumn.
- Each fruit and vegetable give us nutritional benefits because they contain vitamins, minerals and fibre and that similar coloured fruits and vegetables often have similar nutritional benefits.
- That vitamins, minerals and fibre are important for energy, growth and maintaining health.
- To know and understand the importance of hygiene in the storage and preparation of food.

## Music

### Pulse (Autumn 1)

- Children will learn about ostinatos and the importance of maintaining a steady pulse when performing the ostinatos. Compose short rhythm ostinatos.

### Voice (Autumn 2)

- Children will learn three new songs: Calypso Mash Up, Packed Lunch Peril and Wake Up.
- Shake Up, which develop their vocal skills.

## Science

### Animals including humans (Autumn 1) – Sticky Knowledge

- Humans and some animals have skeletons (vertebrate and non-vertebrate) and muscles for support, protection and movement.
- Animals, including humans, need the correct nutrition which they get from what they eat.

### States of matter (Autumn 2) – Sticky knowledge

- Know the different properties of a solid, liquid and gas.
- Melting is a state change from solid to liquid.
- Freezing is a state change from liquid to solid. The freezing point of water is 0°C.
- Boiling is a change of state from liquid to gas that happens when a liquid is heated to a specific temperature and bubbles of the gas can be seen in the liquid. Water boils when it is heated to 100°C.
- Evaporation is the same state change as boiling (liquid to gas)
- Condensation is the change back from a gas to a liquid caused by cooling.

## PSHE

### How can we be a good friend? - Sticky Knowledge:

- To understand how friendships, support well-being.
- To understand the importance of seeking support when feeling excluded.
- To explore and use different strategies when feeling lonely.
- To understand that friendships can have difficulties.
- To recognise the importance of how to ask for support if friendship is uncomfortable or unsafe.

## Religious Education

### Autumn 1: What do Christians learn from the creation story?

#### Sticky Knowledge:

- To know what the creation story is about.
- To understand what Christians, believe about God and how is created the world.
- To know how Christians, care for the Earth by believing in God is the creator.

### Autumn 2: What is it like for someone to follow God? Sticky Knowledge:

- To know the story of Noah.
- To understand why Christians, make promises in their weddings after the story of Noah.
- To know how everyone living in the world and in school has links to the story of Noah.

## PE

Invasion Games  
Gymnastics  
Dance