

**Topic Theme**  
Dig it.

## Ruby Curriculum Overview

Autumn term

Christian Values:  
Courage and forgiveness

### Science

#### **Everyday materials**

The children will be able to distinguish between an object and the material from which it is made. Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. Describe the simple physical properties of a variety of everyday materials. Compare and group together a variety of everyday materials on the basis of their simple physical properties.

#### **Seasonal change**

The children will observe changes across the four seasons. Observe and describe weather associated with the seasons and how day length varies.

### PSHE

Families and friendships.  
Safe relationships.  
Respecting ourselves and others.

### Art and Design Technology

**Art - Painting** – The children will be able to mix primary shades and tones. Use a variety of techniques using different brush sizes.

**DT- structures** – The children will be able to explore how to make structures stronger. Test different methods of enabling structures to remain stable.

### **Maths:**

**Place value** - Identify one more and one less than given numbers to 20. Identify and represent numbers to 20 using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least. Read and write numbers from 1 to 20 in numerals and words. **Addition and subtraction**- Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

**Shape**- recognise and name common 2D and 3D shapes.

**English: Poetry** – innovate a poem based on a structure. **Narrative** – innovate a story based on a known plot pattern. **Non-fiction** – an information poster about an animal. **GPS** – to be able to demarcate sentences with capital letters and full stops. Use a capital I when writing the pronoun.

Caton  
St Paul's  
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### Geography

#### **My School Caton St Paul's –**

The children will be able to write the school's address. Use maps and plan a route and use single compass directions. To be able to use aerial photographs to recognise basic human and physical features. Make simple observations about the geography of the classroom.

### History

#### **Guy Fawkes and Bonfire night-**

The children will be able to research and find out who Guy Fawkes was. The children will be able to order, discuss and ask questions about the sequence key events. They will be able to talk about how the gunpowder plot has had an impact on national life in the present day.

### Religious Education

**Harvest** – develop further pupils understanding that Harvest festivals are a traditional celebration to give thanks to God for the gifts of the harvest.

**Christmas** - deepen the children's understanding of the true meaning of Christmas through emphasising that Jesus was a gift from God.

### Computing

#### **Photography and digital art**

The children will be able to take and edit a photograph using an iPad.

Create digital art by adding colour.

Use simple tools to make edits to digital art.

Understand what a digital image is.

#### **Coding**

The children will be able to create a simple program.

### PE/Games

Fundamental movement skills- underarm and overarm throws, skipping, hopping, running and balancing.

Ball skills with enjoy a ball Paul.