

# CURRICULUM OVERVIEW

## YEAR 5 AUTUMN

### MATHS

Maths learning has already started as we revise place value; reading, writing, ordering and comparing up to 7-digit numbers. Then we will revise written methods for addition and subtraction. We will be calculating with numbers with more than 4 digits and learning different methods for checking. As ever, there is a large emphasis on spotting patterns and using mental strategies to help with familiarity and flexibility.

Later in the term we will be focusing on: multiplication and division - identifying multiples and factors, prime, composite, square and cube numbers. Our last theme, this term, will be Fractions. We will explore equivalent fractions, convert between improper fractions and mixed numbers and add and subtract fractions with the same denominator

### ENGLISH

This term we will be using three texts.

The first text, 'King Kong' by Anthony Browne in which the children use the text to act as investigative journalists investigating the story and character of King Kong. We will use the text to write including; job adverts, a letter, a passage in the style of the author, give advice, as well as exploring the conventions of dialogue punctuation and look at how the emotions of characters change through the story. Children will finish the investigation by writing a newspaper article about the events.

In the second text, 'Unspoken' by Henry Cole, children will use their inference skills to explore what is happening in this wordless book. They will examine the history of the period and write as the main character, drawing on any experiences they have had themselves of a dilemma. They will finish by researching the life of Harriet Tubman and writing a biography.

In the third text, 'The Lost Thing' by Shaun Tan will explore the ideas of identity and belonging. We will explore story-telling and building a narrative. The children will make predictions before retelling the story. This then leads to a series of innovations upon the story structure and children create their own 'lost things', creating a story plan. In the final part, children write their own lost thing narratives,

## WELCOME TO YEAR 5

What a busy year we have ahead of us! The children have settled well into Year 5. We will be reviewing lots of learning from Year 4 but we're also looking forward to new and exciting learning opportunities this year.

### INFORMATION

P.E will be on Tuesday and Friday

**FOREST SCHOOL – THIS HALF TERM**

**– STARTING FRIDAY 15/9**

### HOMEWORK

There will be either an English or Maths activity set on Monday to be completed by Friday. We will continue to use Seesaw.

### DATES

Sayers Croft Information Meeting 21/9

Parent Meetings – 16/10 and 18/10

INSET – 30/10

Sayers Croft – 22/11 – 24/11

Pantomime – 13/12

## VALUES

**Self-Belief, Honesty, Teamwork,  
Passion, Determination, Respect**

### SCIENCE

We will start our Science learning this term learning about Forces. Children will be able to explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. We will explore and measure the effects of air resistance, water resistance and friction. We will look into these forces and their actions within mechanical devices such as levers, pulleys and gears. We will also meet Isaac Newton.

Later in the term we will investigate properties and changes of materials. We will learn to compare and group a broad range of everyday materials according to their properties and match these with their uses. We will review previous learning about magnetism and electricity. We will explore reversible changes such as evaporation, dissolving and melting. We will also look at irreversible changes like burning, rusting and some other chemical changes. We will also learn about some scientists who have created new materials.

There will be a number of opportunities this term for children to plan enquiries, including recognising and controlling variables where necessary. They will take measurements, using a range of scientific equipment, with increasing accuracy and precision.