

# CURRICULUM OVERVIEW

## YEAR 5 AUTUMN

### MATHS

Maths learning has already started as we revise place value; reading, writing, ordering and comparing 7 digit numbers. Then we will revise written methods for addition and subtraction and will work systematically to spot patterns in our working.

As ever, there is a large emphasis on mental methods; children will learn strategies to support mental addition and subtraction.

Later in the term we will be focusing on: statistics – the constructing and reading of different types of graph with different types of data; multiplication and division - identifying multiples and factors, prime, composite, square and cube numbers. We will use formal written methods; perimeter and area – where we will use formulas to calculate and solve problems.

### ENGLISH

This term, children will be encouraged to maintain a positive attitude to reading; reading widely and increasing their familiarity with modern fiction.

We have started the term examining how to write non-fiction texts - reports. We will consider the important features of audience and purpose learning how to apply features to make the report clear and understandable.

Later in the term we will focus on biographical writing, recount writing and persuasive writing. We will learn how to select the appropriate form of our writing and ensure it is appropriate to the audience and the purpose.

Finally, we will read *Goth Girl* by Chris Riddell and use it to help us learn about creating character and setting.

Our grammar learning will focus around the use of adjectives, adverbs and verbs for effect on the reader and creating different sentence structures to create variety and interest. We will develop proofreading skills to identify spelling, punctuation and grammatical errors.

### WELCOME TO YEAR 5

What a busy year we have ahead of us! The children have settled well into Year 5. We're looking forward to new and exciting learning opportunities this year.

#### INFORMATION

Children are expected to have a complete, named P.E kit in school at **all** times.

#### HOMEWORK

This year there will be English and Maths homework in addition to reading and spelling, every week.

Homework will be set on Monday and expected back on Friday.

Please check your child's planner for details.

#### IMPORTANT DATE

28/11/18-30/11/18– Sayers Croft Residential Visit

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

## THEME – WORLD ABOUT US

### SCIENCE

We will start our Science learning this term learning about 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.

Later in the term in our unit about Earth and Space, children will learn to describe the movement of the Earth, and other planets, relative to the Sun in the solar system and describe the movement of the Moon relative to the Earth. They will learn to describe the Sun, Earth and Moon as approximately spherical bodies. Finally, children will learn to use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

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