



Year 6 Spring One Curriculum Map



Maths

We will continue to become fluent and efficient in all four operations, including mental methods and formal written methods. We will also be learning about ratio, algebra, decimals and percentages.

Vocabulary: integer, addend, subtrahend, minuend, divisor, variable, expression, formula, substitution, ratio, proportion, scale factor, enlargement, equivalent, exchange, rounding, tenth, hundredth, thousandth, convert, compare, order, whole, part whole.

Writing

We will be learning to structure and write a setting description, informal letter, non-chronological report and innovative narrative. Our writing will be based around Holes by Louis Sachar. We will continue to focus on the accuracy and precision of our writing but will also focus on writing for the reader and purpose.

Vocabulary: colon, semi-colon, passive voice, subjunctive form, relative clause, dialogue, cohesion, prepositional phrase.

Reading

We will be learning to develop our reading skills across different text types, including fiction, non-fiction and poetry. We will develop our oracy skills through classroom-based discussion and debate. We will build on and develop our inference, retrieval, prediction, language understanding and summarising skills.

Vocabulary: retrieval, inference, predict, summarise, decoding, fluency, language, structure, root word, prefix, suffix, fiction, non-fiction, poetry.

Science Our Bodies

In this unit, we will recognise the impact of diet, exercise and lifestyle choices on the way our bodies function. We will investigate the functions of the heart and circulatory system and will describe how nutrients and water are transported in human and animal bodies. We will also investigate how exercise and heart rate are related.

Vocabulary: oxygenated, deoxygenated, valve, exercise, respiration, circulatory system, heart, lungs, blood vessels, blood, artery, vein, capillary, digestive, nutrients.

Geography

Global Warming and Climate Change

We will consider if we are damaging our world and how we can protect it. We will investigate energy production, the oceans and minerals, as well as conducting an enquiry into how the school can become more sustainable.

Vocabulary: sustainability, habitat destruction, endangered, extinction, conservation, renewable, non-renewable, wind power, biomass, wave energy, geothermal energy, hydroelectricity, tidal energy, solar energy, fossil fuels, recycle, waste, recycle.

Art & DT

Drawing - Making my Voice Heard

We will develop our skills in using different art styles, exploring effects with tools, understanding and applying chiaroscuro, and creating expressive drawings. We will form our own opinions about art, understand the impact of techniques, and convey messages through our artwork.

Vocabulary: aesthetic, expressive, guerilla, impact, mark making, chiaroscuro, composition, graffiti, imagery, street art, tone, symbol.

RE

Is anything ever eternal?

During the unit, we will understand eternity and the Christian belief that God's love for humankind is eternal in that God will never stop loving humanity. We will discuss the Christian beliefs in heaven and what actions a Christian might take to obtain eternal life.

Vocabulary: eternal, eternity, agape, conditional, unconditional, promise, binding, covenant, law, oath.

PSHE

Dream and Goals

We will be learning about setting personal learning goals and looking at the steps to success in order to achieve them. We will also identify problems in the world that concern us and work together to help make the world a better place.

Vocabulary: dream, goal, achievement, realistic, unrealistic, hope, success, criteria, sponsorship, leadership skills, admire, praise, compliment, contribution, recognition.

French

Core Vocabulary

We will be learning key vocabulary in lessons, including colours, conversational language, feelings and ages. We will also be recapping numbers up to 20 and days of the week, as well as months of the year.

PE

Dodgeball and Tag Rugby

In Dodgeball, we will be learning to improve on key skills, such as throwing, dodging and catching. In Tag Rugby, pupils will focus on maintaining possession and moving the ball towards the try line to score.

Vocabulary: dodge, catch, throw, block, tactics, communication, direction, speed.

Computing

Programming - Scratch

We will use Scratch to program a sprite to move and create a backdrop. We will then use this programming to create a maze game for our sprite. The game will consist of several levels.

Vocabulary: sprite, moze, create, backdrop, level, click, combine, programming, code, instructions, debug.