Curriculum Skills Overview for Year 6 Spring – What a Wonderful World!

English

As writers we will:

- Write non-chronological reports
- Write detailed descriptions
- Use a range of devices to build cohesion
- Select vocabulary and grammatical structures that reflect what the writing requires
- Make use of a range of KS2 punctuation such as semi-colons, colons, brackets, dashes and hyphens

As readers we will:

- Draw inferences such as inferring characters' feelings, thoughts and motives, justifying with evidence
- Retrieve, record and present information from non-fiction
- Read books that are structured in different ways and read for a range of purposes

In SPAG lessons we will:

- Recap all aspects of the KS2 curriculum
- Learn about the active and passive voice
- Learn about the progressive tense

As mathematicians we will:

- Identify, order and compare decimal numbers to three decimal places.
- Multiply and divide by 10, 100, 1000.
- Multiply and divide numbers with up to two decimal places by integers.
- Calculate decimal/ fraction equivalents.
- Calculate decimal/ percentage/ fraction equivalency.
- Convert percentages to fractions with a denominator of 100.
- Find percentages of amounts when the whole is known.
- Express missing number problems algebraically.
- Use simple formulae, expressions and equations to find a value.
- Solve one-step and two-step equations.
- Solve equations with two variables.
- Convert between units of measure for distance, time and weight.
- Calculate perimeter and area of rectilinear shapes.
- Calculate volume of cubes and cuboids.
- Understand and use ratio.

As scientists we will:

Evolution and Inheritance:

- Recognise that living things have changed over time.
- Recognise that living things produce offspring of the same kind.
- Identify how animals and plants are adapted to their environment and that adaptation may lead to evolution.

Properties and changes of materials:

- Compare materials based on their properties.
- Understand that some materials will dissolve in liquid.
- Use our knowledge of solids, liquids and gases to decide how mixtures might be separated.
- Explain that some changes result in the formation of new materials.

In Religion & Worldviews we will:

Explore the following questions:

- Why do some people believe in God and some not?
- Creation and science – conflict or complimentary?

In PSHE we will:

- Develop understanding of Individual Liberty and Democracy
- Demonstrate how to manage money
- Explore how to support our mental and physical health
- Learn techniques for resisting pressure to do things that are dangerous, unhealthy, uncomfortable or wrong

As artists we will:

- Explore a wide variety of art from different places in the world, comparing similarities and differences.
- Manipulate photos to imitate the works of Andy Warhol.
- Experiment with creating 3D artworks using the creations of Yayoi Kusama as inspiration.
- Use stencils and pencil shading tones to create images in the style of Banksy.
- Utilise geometric shapes and contrasting vivid colours to imitate the works of Esther Mahlangu.
- Imagine and invent our own independent art project based on the artists studied.

As computer scientists we will:

- Explore the concept of variables in programming through games in Scratch.
- Find out what variables are and create a simulation of a scoreboard.
- Experiment with variables in an existing project, then modify them, before creating our own project
- Apply our knowledge of variables and design to improve our games in Scratch.

As design technologists we will:

- Research a range of phone holder and accessory designers
- Create and develop phone holder patterns
- Use tools safely and accurately to sew material together to make a pouch
- Evaluate our products

As French linguists we will:

- Learn clothing vocabulary
- Use adjectives to describe clothing and recap plural endings
- Say and write different weather types
- Learn clothing for different types of weather
- Research fashion history in France and famous designers
- Orally perform a weather report

As geographers we will:

- Locate the world's continents.
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the tropics of Cancer and Capricorn, Arctic and Antarctic Circle.
- Describe and understand key aspects of physical geography and human geography with a focus on rivers.
- Find/recognise places on maps of different scales.
- Use digital mapping to locate countries and describe features studied.
- Confidently use an atlas to answer related reference questions.

As historians we will:

- Study the 7 Wonders of the Ancient World.
- Identify key facts related to the 7 wonders.
- Identify which wonders are still left
- Find out what is 'wonderful' about Droitwich – what is it famous for historically?

As musicians we will:

- Appreciate pieces of music, identifying different musical elements
- Improvise and create a composition inspired by a piece of music
- Perform and appraise compositions
- Play and perform, using our voices, and play musical instruments with increasing accuracy, control and expression
- Refine and improve our own work
- Create our own musical compositions

In Physical Education we will:

- In Tag Rugby and Hockey, show ways to keep the ball away from defenders; score accurately in a variety of ways & evaluate the success of games we play
- Through dance, demonstrate strong movements, move appropriately and with the required style in relation to the stimulus (linked to our topic) and modify parts of a sequence as a result of self-evaluation.
- In Sports Hall Athletics, take part in running, throwing and jumping activities in competition format.