

PLANNING PRO FORMA

Classes: **Copper**

Term: **Spring 2025**

Year: **5**

Geography

We will describe and understand key aspects of rivers and the water cycle. We will use maps, atlases, globes and digital/computer mapping to locate rivers and describe their features in the UK and the world.

Mathematics

In accordance with the National Curriculum, we will be covering:

- Decimals, fractions & percentages
- $\times \div +$ and $-$ decimals
- Measurement - converting units
- Measurement -, length area, perimeter, mass and capacity.
- Statistics

Art

We will develop our drawing skills by practising a variety of techniques. We will use a range of tools to create marks, including pen and ink. We will explore the work of some artists, like Van Gogh, and apply the skills we have developed to produce a space scene.

P.S.H.E.

Year 4 will complete the MyHappyMinds Appreciate module.

Year 5 will study issues related to living in the wider world such as spending decisions, the risks of gambling and career aspirations. They will link these ideas to safer internet day.

History

We will look at the history of space exploration and think about the causes and consequences of 'The Space Race.' We will compare space travel from the past to the present. We will look at the impact of 'The Space Race' on people.

EARTH & SPACE



Computing

We will compare computer and paper databases, then apply our knowledge to ask and answer real-world questions. We will continue to learn about the importance of online safety. Linking with our DT work we will learn to program a microcontroller and link it to a simple circuit.

R.E.

Philosophy - What do we mean by the truth? Is seeing believing?

Key words:

- Axiom
- Burden of Proof
- Reality
- Evidence

Music

We will continue to explore musical effects and investigate pitch, rounds and rhythmic patterns.

Science

We will describe the movement of the Earth, and other planets, relative to the Sun in the solar system. We will describe the movement of the Moon relative to the Earth. We will describe the Sun, Earth and Moon as approximately spherical bodies. We will use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

English

In accordance with the National Curriculum, we will be covering:

- Persuasive writing
- Film narrative
- Recounts
- Speaking and listening
- Comprehension
- Spelling rules
- Grammar and punctuation
- Handwriting

D.T.

We will create and develop a design specification. We will plan the order of our work, choosing appropriate materials, tools and techniques. We will cut materials with precision and accuracy. We will assemble components to make a moving space buggy using a computer controlled electrical circuit.

P.E

Netball, Gymnastics & Rugby