**Science**

**Light:**

- Recognise that light appears to travel in straight lines.

- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.

- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.

- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

- Mutual respect – listening to ideas when investigating

- Rule of law – following instructions when handling equipment

**Geography**

**South America – The Amazon**

- To understand what the Amazon is, and where it is located

- To understand the Amazon’s climate, and how the native animals are adapted to it

- To research the Amazonian city of Manaus

- To understand what life is like in the Amazon, and how it is changing

- To understand how the Amazon is being damaged and how it can be protected

- To understand the value of the Amazon and how it can be protected

- Democracy – voting on best ways to protect the rainforest

- Individual liberty – creativity when producing infographics about Manaus

**Maths**

**Number: Place Value**

**Number: Addition, Subtraction, Multiplication and Division**

See individual teacher’s Medium Term Plans for specific objectives and outcomes.

- Rule of law – following instructions when handling equipment

**Art**

**Drawing-**

* Collect a good range of imagery, adding annotated notes and sketches.
* Make relevant comparisons between different styles of art.
* Use tools effectively to explore a range of effects.
* Respond to the meaning of a spirit animal through drawing.
* Generate symbols that reflect their likes and dislikes with little support.
* Create a tile that is full of pattern, symbols and colours that represents themselves.
* Discuss ideas to create light and dark through drawing techniques.
* Explain the term chiaroscuro.
* Apply chiaroscuro to create light and form through a tonal drawing.
* Understand the impact of using techniques for effect.
* Mutual respect – fair criticism to one another’s work
* Participate in a discussion that examines the similarities and differences between different styles of art.
* Form their own opinions about what art is, justifying their ideas.
* Identify a cause and decide what message they want to convey.
* Understand artist’s choices to convey a message.
* Review sketchbook and creative work to develop a drawn image.
* Review and revisit ideas to develop their work.

**English**

**Genres to cover:**

- Recounts

- Newspaper & Diary Entry

See individual teacher’s Medium Term Plans for specific objectives and outcomes.

* Mutual respect – listening to and responding to others’ ideas

**Year 6 Overview**

 ***Autumn 1***



**Music**

-Have access to an extracurricular choir.

-Practice in small ensemble lessons

-Brass students will learn up to 7 notes.

-Students will be able to play five note melodies in a mixture of keys, including leaps between non-consecutive notes.

-String students will consolidate their range of notes and continue to practise these in new scales and pieces.

- Mutual respect – responding to and supporting performances of peers

**Spanish**

**Areas to cover:**

- Wild animals
- In the Classroom

- Tolerance – being respectful of another culture

**PE**

**Netball**

- To develop passing and movement to maintain possession

- To use a variety of attacking skills to lose a defender

- To move into and create space for a teammate

- To use defending skills to gain possession

- To develop shooting accuracy when under pressure

- To use and apply skills, principles and techniques to a game setting

**Athletics:**

- To be able to apply different speeds over varying distance and coordination when running for speed.

- To develop technique in relay changeovers.

- To develop technique and coordination in the triple jump, throwing with force for longer distances and throwing with greater control and technique.

**- Rule of law – follow rules and instructions at all times**

**- Mutual respect – supporting and encouraging**

**Computing**

**Musical Technology:**

**-** Design, write and debug programs that accomplish specific goals

- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals - Use technology safely, respectfully and responsibly.

- Rule of law – following the rules of programs

**Trips and Visits**

Bikeability - TBC

**PSHE**

**Mental health and emotional wellbeing: Healthy minds**

- Learn what mental health is

- Learn about what can affect mental health and some ways of dealing with this

– Learn about some everyday ways to look after mental health

- Learn about the stigma and discrimination that can surround mental health

- Tolerance – listening to and responding to other’s views