

## Science

### Properties of Materials:

- Compare and group together everyday materials on the basis of their properties, including their hardness, transparency, and conductivity (electrical and thermal).
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

## Geography

### An Alpine Region:

- To be able to use physical and political maps to identify a region in Europe.
- To understand how fold mountain ranges are formed.
- To understand how homes are designed to suit their physical location.
- To understand the importance of the tourist industry to Alpine communities and to understand that tourism brings advantages and disadvantages.
- To understand how avalanches have influenced the Alpine landscape.

**Tolerance & Respect – Learn about other cultures**

## Maths

### Number: Fractions

### Number: Multiplication & Division

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

## Art

### Painting:

- Use different brush techniques with increasing mastery
- Revisit colour mixing and application techniques (stippling, pointillism)
- Sketch lightly before painting to combine line and colour
- Create paintings from direct observation and form more abstract paintings
- Collect and annotate images in sketchbook of artist and own work
- Use view finders to form abstract images of still life.

**Individual Liberty – Being free to express yourself via Art.**

## Year 5 Overview

### Spring 1



Low Road and Windmill  
Music Federation

## English

### Genres to cover:

- Balanced Argument
- Narrative
- Persuasion

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

**Tolerance & Mutual Respect – Children will learn to respect other people's opinion.**

**Rule of Law – Learning that we must work within the laws of our environment**

## Computing

### Year 5 – Internet Safety

For this topic, we will be focusing on internet safety. Specifically, we will be looking at the pros and cons of social media including different types of attention people can receive. Also, we will be looking at how social media can affect our self-worth and mental health. We will finish the topic by looking at the dangers of live streaming.

**Rule of Law – Knowing the legal ages to use social media sites**

## PE

### Swimming

### Tag Rugby:

- To develop attacking principles, understanding when to run and when to pass.
- To be able to use the 'forward pass' and 'offside' rules.
- To be able to play games using tagging rules.
- To develop dodging skills to lose a defender.
- To develop drawing defence and understanding when to pass.
- To be able to apply the rules and tactics you have learnt to play in a tag rugby tournament.

**Mutual respect – playing fairly / working as a team**

**Rules of Law – Following rules of game.**

**Tolerance – Play within rules**

## Music

Have access to an extracurricular choir.

Practice in small ensemble lessons;

- Brass players will begin learn about instrument care and maintenance, learn to play 3-4 notes, and be able to devise/improvise music changing between adjacent notes.
- Continuing string players will continue to develop their ability to play a full scale, learning two more scales, playing pieces that use all strings on our instruments

**Individual Liberty – Being free to express yourself via music.**

## Spanish

### Areas to cover:

- Age
- Happy birthday

## PSHE

### Keeping safe and managing risk: Making safer choices

- Learn about keeping safe online
- Learn how to keep safe when communicating with other people online
- Learn that violence within relationships is not acceptable
- Learn about problems that can occur when someone goes missing from home

**Rule of Law – Knowing the legal ages to use social media sites**