

# Creative Curriculum Year 5 Autumn 2023

Miss Ockenden and Mrs Maloney

## As mathematicians we will:

- Work with roman numerals up to 1000.
- Read and write and work with numbers up to 1,000,000.
- Round numbers within 1,000,000.
- Add and subtract numbers with more than four digits.
- Complete multi-step addition and subtraction questions.
- Use factors, square, cube and prime numbers.
- Order, compare and add fractions.

## As scientists we will:

- Understand the force of gravity and that it can act without direct contact between the Earth and an object.
- Look at air resistance, water resistance and friction and examine the effects of each of these forces.
- Recognise some mechanisms allow a smaller force to have a greater effect.

## As theologians we will:

- Think about how far a Sikh would go for their religion.
- Think about whether the Christmas story is true.

## As artists we will:

- Use one point perspective to create a street scene.
- Study different architects and designers, using this as inspiration for sketches and diagrams.

## As French speakers we will:

- Talk about ourselves recalling previously learnt language.
- Explore nouns and adjectives for around the city.
- Explore numbers & prices for Christmas shopping.

## As musicians we will:

- Focus on the topic of Rock Music.
- Learn to sing the song 'Livin' on a Prayer' by Bon Jovi
- Learn to play the recorder and the glockenspiel to accompany the song.

Our topic this term is:

# Grand Designs

## As designers we will:

- Engineer a bridge.
- Design through discussing, collating and evaluating different bridges.
- Construct prototypes and use this to refine final designs.
- Evaluate the product against the original design.

## In PSHRE we will:

- Recognise and understand what makes up identity.
- Learn about stereotypes and that they are not always accurate.
- Learn how to challenge stereotypes and assumptions about others.

## As sports people we will:

- Learn how to defend, keep possession and save goals in football with Mrs Maloney. (Thursday)
- Learn passing, moving and intercepting skills in netball with Ellie EVSP coach. (Wednesday)

## As historians we will:

- Explain changes in society and how crime and punishment has changed between the Victorian period and now.
- Investigate how inventions of the Industrial revolution influenced the development of the railways.
- Understand the significance, cause and effect of building the railways in our local area.
- Learn about social and population change in this era.

## As computer users we will:

- Use satellite images/maps to map the old railway line from KS to Tebay.
- Crop, snip, edit and piece together evidence.

## As writers we will:

- Write a biography about Isambard Kingdom Brunel, using a range of expanded noun phrases to add in key details.
- Use commas to mark fronted adverbials.
- Write a railway Navy narrative, using punctuation for direct speech.
- Write a report on our geography fieldwork, extending our sentences by adding subordinate clauses for detail.

## As geographers we will:

- Name and locate counties and the main industrial cities of the UK.
- Explain the significance of the geographical location of railways to human and economical features.
- Investigate the suitability of a local railway route.
- Locate Kirkby Stephen on a range of maps.
- Compare aerial photographs and maps of the area.