

English including Grammar

Fiction: Writing to entertain

- The tale of a quest-using suspense techniques

Text: Kidnapped

- The tale of fear-focusing on describing setting

Text: The canal

Non-fiction: Writing to inform

- Auto/biography-focusing on organizing information chronologically

Text: Tom's Diary

Grammar focus: adjective phrases, adverbials and prepositional phrases

Full stops, commas, speech marks, question marks, colons, semi-colons

Conjunctions to create compound and complex sentences

ICT and Computing

Using Scratch-coding to make games/ quizzes

Inside the Internet-how does the Web work?

Year: 6

Term: Autumn

Mathematics including Arithmetic

Number and Place value:

- Positive integers
- Negative numbers

Number-addition, subtraction, multiplication, division

- Addition and subtraction of numbers of any size
- Long multiplication and short division
- Calculations with four operations
- Common factors and multiples

Fractions

- Adding and subtracting fractions with different denominators
- Multiply and divide fractions

Geometry-position and direction

- Coordinates, translations and reflections

Science

Light:

- recognize 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.

Electricity

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognized symbols when representing a simple circuit in a diagram.

PE

Ballroom dancing project

Invasion games-football

Art & DT

Sketching (pitman paintings)

3D design

3D sculpture (design and make cranes and bridges)

Music

Introducing notation and other elements of music.

Geordie Songs

MFL

Greetings, colours, numbers, nouns, family names from ethnic minority languages in and around our school

History & Geography

Britain's landscapes: human and physical - study images of their local area and sort them into human or physical features. Mapping (digital) describing features of landscape

Maps and plans of local area

Explore the Local area-compare to Lake District (High Borrans)

Local History (census, coal mining, shipyards)

Local inventors: Stephenson

RE and PSHCE

RE: weekly celebrations

Focus: learning about Buddhism

Jigsaw topics:

- being me in my world
- celebrating difference