

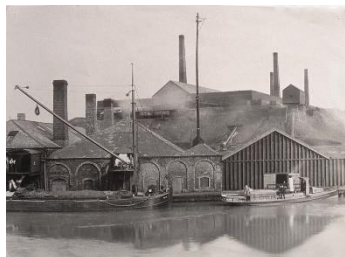
Year 5

Our Town, Our Country

History

Changes in Winsford over time

1. Take a class trip to the Library, in order to listen to a talk about the history of Winsford and take part in activities to understand the town.
2. Explore how Winsford has changed over time, by looking at historical maps and photographs.
3. Make links between the features of our town from the past and the present, in terms of housing and society, with a particular focus on the development of the salt mines leading to the Victorian era.
4. Use documents, printed sources, the Internet, pictures, photographs, music, artefacts, historic buildings, and visits to sites to collect evidence about the past

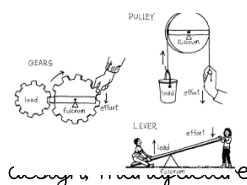


Vocabulary	
Salt Mine	A mine yielding rock salt
Occupation	A job or profession
Union	A society or association formed by people with a common interest or purpose
Industry	Economic activity concerned with the processing of raw materials and manufacture of goods in factories.
Prospectors	A person who searches for mineral deposits, especially by drilling and excavation.

Design and Technology

Gears and Pulleys

1. Generate ideas through research into mechanical systems that use levers and pulleys.
2. Select and use a range of tools and equipment to assemble a model.
3. Compare the final product to the original design specification and test the quality of the and functionality.



Religious Education

What does the word Respect mean? How can I show Respect at home?

- Be able to explain what Respect is and explain some we can show Respect at home. Make links to the key text about the character and themes

How can I show Respect at school?

- Explain how we can show Respect at school. Make links to the key text about the character and themes

What does the word Enjoyment mean? How can I show Enjoyment at Home?

- Be able to explain what Trust is and explain some we can show Trust at home. Make links to the key text about the character and themes

How can I show Enjoyment at school?

- Explain how we can show Trust at school. Make links to the key text about the character and themes

P4C Session

What would happen if no one showed Enjoyment or Respect (Pick one)

How can I tell other people about how to show Enjoyment and Respect ?

- Show what you have learned through a piece of artwork or drama

Science

Forces

1. Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
2. Identify the effects of air resistance, water resistance and friction that act between moving surfaces.
3. Take part on an important 'meteorite landing' mission where you must create a parachute.

Vocabulary

Forces	A force is the pushing or pulling effect that something has on something else
Physics	The scientific study of forces
Gravity	The force which forces things to drop to the ground
Orbit	The curved path in space that is followed that is followed by an object going round a planet, moon or star
Mass	The measure of the amount of matter in an object (measure in grams or kilograms). This stays the same whether you are on Earth or in space
Matter	The physical part of the universe consisting of solids, liquids and gases
Weight	The force of gravity on an object. This changes whether you are on Earth or in space
Friction	The force that makes it difficult for things to move freely when they are touching each other
Air resistance	A type of friction between air and another material
Water resistance	A force that slows things down that are moving through water
Uplthrust	An upward push or thrust
Bouyancy	The ability that something has to float on a liquid or in the air
Mechanism	A part, often consisting of a set of smaller parts, which performs a particular function
Fulcrum	The point where a lever turns

Maths

Place Value, Addition and Subtraction and Statistics

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers.
- Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
- Add and subtract whole numbers with more than 4 digits, including using formal written methods.
- Add and subtract increasingly large numbers mentally.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Complete, read and interpret information in tables and timetables.

Key Vocabulary

Millions, thousands, hundreds, tens, ones, zero, place value, greater than, less than, order, round, negative number, partition, digit



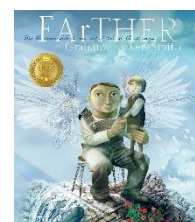
Addition, add, more, sum, total, altogether, double, half, subtract, take away, difference between, equals, is the same as, inverse

Axis, vertical, horizontal, data, interpret, label, line graph, relationship, represent, scale, survey, tally, timetable, x-axis, y-axis.

English

Setting Description: Write a first person setting description of an important event

Letter: Write a letter about a significant event in the story



SPaG Glossary

Adverb: A word that describes a verb, usually ending in -ly. For example, she ran quickly.

Apostrophe: (') An apostrophe is a mark used to show that a letter has been left out. Example: he is can be written he's. Apostrophes are also used to show ownership.

Examples: the cat's bowl, the cats' bowls.

Clause: A distinct part of a sentence including a verb. A main clause makes sense on its own. A subordinate clause adds detail to the main clause but does not make sense on its own.

Compound sentence: A sentence consisting of two main clauses joined by a connective.

Complex sentence: A sentence consisting of a main clauses and one or more subordinate clause.

Ellipsis: ... Used to create suspense or to show omission.

Embedded clauses: Adding extra information into the middle of a sentence using commas e.g. The man, who is tall, ran down the road.

Metaphor: A direct comparison without the use of like or as e.g. the clouds were cotton wool in the sky.

Personification: Giving human qualities to non-human objects e.g. the leaves danced in the wind.

Phrase: Two or more words that act as a unit and do not have a verb e.g. over the bridge.

PE

Knowledge Organiser: Year 5 Gymnastics Unit 1

Prior Learning: Have become more confident to perform skills consistently. Can work to improve sequences and individual actions. Can work in groups and aim to perform sequences in time with others. Can make changes to sequences using conceptual ideas.

Equipment needed: Mats, hoops, cones, wall bars, bearbags, low apparatus, action cards, tabletop.

Key Vocabulary/Skills: Round off, Explore symmetry, Explore asymmetry, Counterbalances, Performing.

Concepts: A counterbalance is created when one weight balances another. The counterbalance allows a person to stay balanced even when their centre of gravity moves. With a partner, counterbalances can be created by pulling/riding or pushing.

Key Questions: 1. What makes a performance aesthetically pleasing? 2. How can you be a good partner in counterbalances? 3. Why do you need good communication with a partner or group?

Unit Focus: Create longer and more complex sequences and adapt performances. Take the lead in a group. Develop symmetry. Compare performances and judge strengths and areas for improvement. Select a component for improvement.

Head: Select a component for improvement and use guidance from others.

Hand: Attempt to perform more complex skills in isolation such as round-off.

Heart: Work responsibly in trust exercises and when counterbalancing.