

## As scientists we will know and remember:

### Forces and Magnets:

- How unsupported objects fall towards the Earth because of the force of gravity
- The effects of air resistance, water resistance and friction, that act between moving surfaces
- To show that some mechanisms, including levers, pulleys and gears allow smaller force to have a greater effect

### Animals including humans:

- The changes as humans develop, up to old age.
- How veins and arteries work within the body
- That red blood cells carry oxygen through the body and white blood cells help fight infection



## As geographers we will know and remember:

- To recognise the different shapes of countries
- About the wider context of places e.g. county, region and country
- To use and understand and use a widening range of geographical terms
- To compare the physical and human features of a region of the UK and a region in North America, identifying similarities and differences
- To identify the physical characteristics and key topographical features of the countries within North America

## As historians we will know and remember:

- To use dates to place events on a timeline
- To use historical terms related to the Victorians including:
- How life as a child in Victorian times differs to live as a child today
- To Compare sources of information available for the study of different times in the past
- To give some reasons for some important historical events



## Victorians and the industrial revolution

### As computing experts, we will learn and remember:

- How to keep safe on the internet using the National Online Safety webpage.
- To use a selection of different software to showcase our learning

### As athletes we will know and remember - Tag rugby:

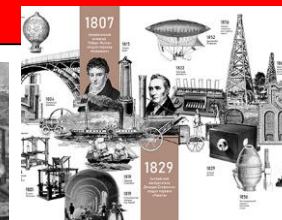
- To develop our sports specific throwing and catching skills
- To participate in recognised games with skill and precision showing creativity with tactics and strategy

### Dance:

- The New Zealand Haka
- To create, develop and perform our own war dance

### As artists we will know and remember:

- How to create our own pieces of Victorian style art work based on the style of William Morris
- How to mix colours to express mood, divide foreground from background or demonstrate tones
- How to create our own space pictures using chalk pastels



### As mathematicians we will know and remember:

#### Fractions, decimals and percentages

- To identify and write equivalent fractions of a given fraction, including tenths and hundredths
- To compare and order fractions whose denominators are multiples of the same number.
- To recognise mixed numbers and improper fractions and convert from one form to the other
- To read and write decimal numbers as fractions
- To read, write, order and compare numbers with up to three decimal places.

#### Multiplication and division

- How to solve problems involving multiplication and division, including using knowledge of factors and multiples, squares and cubes.
- How to recognise and use square and cubed numbers and the notation for squared and cubed

### As readers and writers, we will know and remember:

#### Non-fiction:

- To write non chronological reports on important people who have changed the world.
- To write magazine style articles

#### Fiction

- To write a losing tale based on "The Red Eye"
- Grammar features and sentence starters
- The use of speech marks
- Whole class guided reading activities will take place during the term linking to non-fiction texts: debates, persuasion and instructions.