



As scientists we will know and remember:

Earth and Space:

- How to describe the movement of the earth and other planets, relative to the sun in the solar system
- How to describe the movement of the moon relative to the Earth
- That the Sun, Earth and Moon are approximately spherical bodies
- To explain day and night, and the apparent movement of the sun across the sky, using the idea of the earth's rotation.

Forces and Magnets:

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

As geographers we will know and remember:

- To locate and understand the wider context of places within UK: county & regions
- How to use maps, atlases and globes to locate:
 - Capital cities of countries of British Isles and UK,
 - Seas around the UK
 - European Union countries with high populations
 - The largest cities in each continent.

As historians we will be researching the Vikings and we will know and remember:

- How to use dates to place events on a timeline
- Historical terms related to the Vikings including: Runes, Berserkers and Viking "Things"
- How we can find out information about life in Viking times
- To compare sources of information available for the study of different times
- To compare similarities and differences between the modern day and Viking times, including Viking laws, lifestyle and housing.

Vikings and Seas



As computer experts we will know and remember:

- How to keep safe on the internet using the National Online Safety webpage.
- How to use Scratch to code our own mini games, including using IF statements
- How to use a selection of different software to complete different tasks

As athletes we will be using netball to know and remember:

- Our sports specific throwing and catching skills
- How to experiment with different ways to attack and defend
- Begin to keep and regain possession effectively within small sided games



As mathematicians we will know and remember:

- To read, write, order, compare numbers up to 1,000,000
- How to use written methods: Addition, Subtraction, Multiplication and Division
- How to Count in 10s, 100s, 1000s, 100,000s
- How to use negative numbers looking at temperature and money, counting forwards and backwards through 0
- How to interpret data including line graphs, timetables and two way tables
- The method to find the area and perimeter of regular, compound and irregular shapes
- To complete daily arithmetic sums which will support the children to revise the 4 calculations written methods.

As readers and writers, we will know and remember:

- How to write a senses poem using the Flannan Isles mystery.
- How to write a balanced argument based on current news and relevant topics.
- How to write instructions linked to Halloween.
- How to write a warning & Suspense Story: linking to our visit to Muncaster Castle
- How to read and interpret play scripts: linking to our Christmas Play.
- Guided reading activities will take place during the term linking to non-fiction texts: debates, persuasion and instructions.
- To develop and recap grammar and punctuation skills which will help improve our writing.

As artists we will know and remember:

- How to create self-portraits in the style of Julian Opie
- Mixing colours to express mood, divide foreground from background when creating a Viking ship scene in the style of Turner
- Developing our artistic techniques using line, tone and shading