

Science - Earth and Space

As scientists, we will learn about

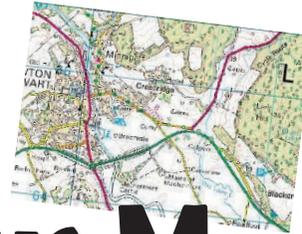
- the relative sizes and distances apart of the Earth, Moon and Sun
- how the Moon moves relative to the Earth
- the Earth's rotation to explain day and night
- the planets of our solar system

We will develop scientific skills:

- learn about and use models to explain our ideas
- use complex scientific language to describe our ideas
- Use and analyse data to understand patterns

PE - we will continue to apply and develop a broader range of skills including: communication, collaboration and competition to ensure that we improve in different physical activities including:

- Weekly basketball sessions with Newcastle Eagles' coach - leading to a 'Hoops for Health' Roadshow.
- Weekly strength and conditioning sessions with a former GB International athlete!



Geography

As geographers, we will learn about:

- Using symbols and keys (including the use of Ordnance survey maps)
- The eight points of a compass to describe routes
- Four and six figure grid references to locate places on a map
- Scales on maps to calculate distances between locations

We will develop our geographical skills by:

- Visiting Gibside to carry out orienteering and geocaching activities
- Using maps and atlases to describe features in the local area
- Using fieldwork to observe and present human and physical features in the local area
- Programming GPS devices to create a route in the local area
- Reading a compass and identifying the direction of travel

Cross Curricular English

As writers, we will develop our ability to communicate our ideas on paper, using correct grammar, punctuation and spelling, through:

- Recount of visit
- Instructions - planning a journey
- Descriptive writing of settings
- Glossary of technical terms

Art and Design - Sea monsters

As artists, we will use the experiences of the first explorers and sailors to create an atmospheric picture. We will develop artistic skills in colour, form and texture:

- Develop an understanding of how to control paint when creating a colour wash
- Use different techniques with different paint textures to build up layers of colour
- Develop cutting skills and control scissors with precision

Marvellous Maps

Years 5 & 6 Autumn 1 2017

Social, Moral, Spiritual and Cultural Education

Changing Mindsets: To ensure that we are the best learners we can be, we will be considering:

- How we deal with mistakes and related emotion
- Understanding the brain and encouraging challenge
- Appreciating the importance of effort and persistence
- Reflecting on the mindset we use when approaching a challenge
- Understanding the impact of stereotypes and strategies we can call on to challenge these
- The journeys of inspirational people

RE: we will be considering how followers of Christianity live. At Christmas we will look at two stories in Luke 2:21-52 and the experiences Jesus had as a child.

Computing - Word processing

As technology experts, we will be developing our computing skills by learning how to:

- Format text in a variety of ways
- Insert tables and text boxes to present information
- To use search technologies effectively and copy and paste images

French - En Classe & Mon Corps

As linguists, we will be revising, practising and developing our ability to read and speak basic French, working on simple sentences and using the correct sounds to form words.

- Colours & classroom objects
- Saying our age and simple greetings
- Parts of the body and simple descriptions