



Successful learners

Areas of learning

As Geographers we will be learning about our world. We will take a virtual tour of the world and look at a range of extreme environments both hot and cold. We will explore whether the climate of these environments has resulted in settlement change and growth. We will be asking the questions why people live in these environments and why explorers choose to visit these places. We will take account of current world issues and explore the causes and effects of natural disasters around the world. We will use our map skills and develop our understanding of similarities and differences.

As musicians we will explore the ways in which sounds influence feelings and thoughts and produce short compositions looking at building and combining sounds and musical elements.

As scientists we will explore the types of animals and plants that are suited to different extreme environments.

Confident Individuals

Social and Emotional well being

As developing individuals we will:

Develop our skills of working together and look for ways that we are able to make positive contributions to our world. On a personal level we will consider our own actions and feelings towards different people and places.

Responsible Citizens

Spiritual and moral

In our spiritual and moral development we will:

Consider Gods wonderful world and how nature provides inspiration to many people. We will also consider the ways in which different groups work around the world to protect the environment.

Creative arts

In our development of the arts we will:

In our artistic development we will explore a range of form of sculpture originating from different places around the world. Children will combine elements and use a range of materials to create their own sculpture

Mathematics

As mathematicians we will:

Be using a range of scales to explore temperatures in extreme environments. We will also be comparing numerical data linked to humidity, precipitation, pressure and height above sea level of different environments around the world.

Essentials for Learning and Life

Using communication

- Use visualisation and drama techniques to understand a text
- Write stories, letters and diaries from different points of view
- Explore central themes to stories which raise issues and which are set in other cultures
- Write to persuade others to a set point of view

Using mathematics

- Develop understanding of properties of 2D and 3D shapes.
- To identify properties of different triangles
- To accurately weigh and measure objects and convert units
- To solve number problems and explain reasoning
- To use formulae to calculate area and perimeter

Using ICT

- Conduct and refine searches and then select relevant information
- Produce multimedia presentations which contain sound, animation, video and navigation buttons
- Change layouts and format text to suit purpose
- Capture own sound and alter as appropriate

Attitudes

- Review own work and identify what has gone well, and suggest how I could improve it
- Listen to feedback and deal positively with praise feedback and criticism
- Show fairness and consideration to others
- Listen and respond appropriately to other peoples suggestions within group work
- Take responsibility for my actions
- Complete tasks independently or within groups
- Keep focused on learning and manage distractions
- Ask relevant questions about how and why things happen
- Use different approaches when faced with a problem
- Take risks and push myself to achieve mores. Be confident to make mistakes and learn from them

Religious Education

- Identify similarities and differences between the beliefs of creation in a range of religions
- Explain some of the ways in which believers show their beliefs, ideas and teaching
- Explain own ideas and thoughts about ultimate questions (creation)
- Know that their may be differences between own views and those of others and respect each other

Areas of Learning

Human, social and environmental understanding

- Identify the physical and human features of different extreme environments
- Ask questions about how and why places have developed as they have on hot and cold climates
- Draw maps of places to scale and include some standard ordnance survey symbols
- Use contents and indexes to locate places in an atlas
- Describe a place using geographical vocabulary
- Compare where people live and give reasons fro differences.

Scientific and technological understanding

- Describe the main functions of the body's major organs (The Ear)
- Explain how sounds are made and can be heard
- Investigate mediums which sound will travel through
- Change the pitch and loudness of some sounds
- Identify the process which make micro-organisms living things
- Explain how some micro-organisms are beneficial and some are harmful

Understanding the arts and design

- Join materials together to create abstract forms
- Use clay techniques
- Use brush techniques to create shape, texture and pattern
- Mix colours using tints and tones
- Carefully choose, order, combine and control sounds with awareness of their combines effect
- Create accompaniment for my tunes
- Compose and perform melodies
- Know and use symbols in music

Understanding physical health and well-being

- Use forehand backhand when playing racquet games
- Choose the most appropriate tactics
- Use a variety of techniques to pass
- Work with a team or alone to gain possession of a ball
- Follow a sketch or map to get from one place to another
- Discuss with others how to solve problems