



## Year 2 Spring Term 2

### Extreme Earth

#### Why are the poles so cold?



#### English

**Genre: Different Stories by the same author and Information Text**

**Key Text: The Way Back Home**

**We will be learning to:**

- Read several books by the same author (in shared and independent reading) and find out more about the author's themes/styles;
- Identify and compare similarities and differences and express personal response.
- Write a simple patterned poem.
- Investigate non-fiction books/ICT texts on similar themes
- Use contents pages/menus and alphabetically ordered texts, for example dictionaries, encyclopaedias, indexes, directories.
- Pose questions and record these in writing, prior to reading.
- Scan texts to find specific sections
- Examine texts to gain information
- Capture language ideas and learning to use and apply in the writing phase.
- Identify and display the features of information texts.
- Write simple information texts incorporating labelled pictures and diagrams, charts, lists as appropriate.
- Maintain consistency in non-narrative, including purpose and tense.
- Create an alphabetically ordered dictionary or glossary of special interest words for the information text.
- Plan, draft, edit and review.

**You can help your child by:**

Read with your child frequently and complete given homework as this supports the work we are doing in school. Make use of Active Learn to support reading at home.

<https://www.activelearnprimary.co.uk>

#### Maths

**Focus: Shape Properties and Fractions**

**We will be learning to:**

- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.
- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.
- Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]
- Compare and sort common 2-D and 3-D shapes and everyday objects
- Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  and  $\frac{3}{4}$  of a length, shape, set of objects or quantity.
- Write simple fractions for example,  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .
- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ( $^{\circ}\text{C}$ ); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- Compare and order lengths, mass, volume/capacity and record the results using  $<$ ,  $>$  and  $=$

**You can help your child by:**

Complete given homework as this supports the work we are doing in school. Make use of everyday maths opportunities such as counting coins, spotting odd and even numbers and playing card games such as higher or lower. Make use of Times Tables Rocks Stars

<https://ttrockstars.com/>

## Science

### Focus: Plants

#### We will be learning:

- To observe and describe how seeds and bulbs grow into mature plants.
- To describe the lifecycle of a Sunflower.
- To find out and describe how plants need water, light and a suitable temperature to grow and stay healthy
- To plan and complete a comparative fair test.

#### You can help your child by:

- Exploring local habitats and discuss the different plants that can be found there. Can the children identify common plants? E.g. Daffodils. Can they research their needs?
- Can you find out any interesting facts about the class flower? 2H – Snowdrops and 2W – Sunflower.



## PE

### Focus: Gymnastics and Swimming

#### We will be:

- Developing water confidence.
- Learning about water safety.
- Learning different strokes including front crawl and back stroke.
- In gymnastics we will be developing balance, agility and co-ordination in solo, partner and group work.
- We will develop jumping, balancing, rolling, travelling, leaps and weight bearing as well as sequence work.

#### You can help your child by:

- Allowing your child to become independent with dressing and undressing themselves.
- Taking your child to the local baths to build their water confidence.
- Why not sign up for an after school club this term?



## Art

### Focus: Paint

### Artist: Van Gogh

#### We will be learning:

- To use thin paint brushes to produce more intricate work.
- To mix a range of secondary colours, shades and tones.
- To experiment with tools and techniques including layering, mixing media, scrapping through etc
- To name different types of paint and their properties
- To work on a range of scales e.g. large brush on large paper etc
- To mix and match colours using artefacts and objects.
- To explore the work of Van Gogh with a particular focus on Sunflowers.
- To use his work to inspire our own painting of plants.

#### You can help your child by:

- Encouraging your child to be creative at home.
- Researching different artists with a flower focus such as Vincent Van Gogh, Claude Monet.



## RE



**Theme:** Easter – Resurrection

**Concept** Salvation

**Key question:** How important is it to Christians that Jesus came back to life after his resurrection?

**Religion:** Christianity

### We will be learning:

- To retell the Easter story and understand what Jesus' resurrection means for Christians.
- Is God important to everyone?
- Are symbols better than words at expressing religious beliefs?

### You can help your child by:

- Showing respect to different religions.

## PHSE



**Theme:** Healthy Me

### We will be focusing on:

- Motivation
- Healthier Choices
- Relaxation
- Healthy eating and nutrition
- Healthier snacks and sharing food

### You can help your child by:

- Encouraging your child to reflect on their school day and talk about their feelings.
- Celebrate success with your child and encourage a culture of feeling proud of one another.

## Geography

### Focus: Locational Knowledge

### We will be learning:

- To locate the North and South poles and the Equator.
- To identify, name and locate the seven continents and the five oceans.
- To name, locate and identify the seas surrounding the UK.
- To describe some differences between places near the equator and at the poles.
- I can identify hot and cold areas of the world using globes and atlases in relation to the Equator and the poles.
- I can use geographical vocabulary to ask and answer questions about places and give my opinion.

### You can help your child by:

- Exploring maps, globes and atlases.
- Discuss any links you have to other continents. Have you been on holiday to another continent? Do you have family abroad?
- Can you help your child to find out more about the oceans and continents through library books or the internet? What interesting facts did you find?



## Music



### We will be learning to:

- Use our voices expressively and creatively by singing songs and speaking chants and rhymes.
- Learn to play the recorder and recognise simple notes.
- Listen with concentration and understanding to a range of high-quality live and recorded music
- Experiment with, create, select and combine sounds using the inter-related dimensions of music.
- To compose by creating music to accompany an amazing earth movement e.g.: volcano erupting etc.

### You can help your child by:

- Listening to different types of music and appraise.
- Encouraging your child to be musical at home. Use junk materials to make your own instruments and sing songs.



## Computing

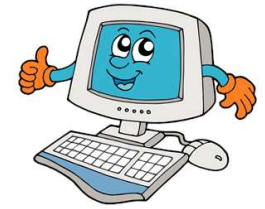
**Focus:** Writing and debugging programs.

**We will be learning to:**

- Have a clear understanding of algorithms as sequences of instructions
- Convert simple algorithms to programs
- Predict what a simple program will do
- Spot and fix (debug) errors in their programs.
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content.
- Use technology safely and respectfully, keeping personal information private and identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.
- To recognise common uses of information technology beyond school

**You can help your child by:**

Remind your child to use technology safely. Remember to make use of Active Learn to support your child's reading, Times Tables Rock Stars to support Maths and Purple Mash to support all curriculum work. Every child in our school has a unique login to allow them to access a wealth of free fun educational resources to support their learning experience.



**Children's logins can be located on their reading folder.**



<https://www.purplemash.com/sch/listerinf>

<https://www.activelearnprimary.co.uk>

<https://ttrockstars.com/>

## Research Questions

Here are some questions you may wish to research with your child to support our topic this term

**What is special about each of the continents?**

**Why are polar bears suited to the North Pole?**

**Can you research the oceans and order them from largest to smallest?**

**What is the national emblem of the countries of the UK?**



Further details of our curriculum can be found on the school website <https://listerinfants.org.uk/curriculum/>