

### Useful Websites

- Deadly 60 on Youtube.
- <http://www.poletopolecampaign.org/about/>

## Year 3 and 4 Summer Term Pole to Pole Subject Focus – Geography and Science Focus Core Skill – Thinking Skills.

### Using our locality

Planning and carrying out our own expedition from Beer along the coastal footpath

### **LITERACY LINKS:**

Narrative (fantasy) - Stories focusing on journeys and adventure influenced by 'Jack and the dream Sack.'

Non-Fiction/Non-Chronological Reports – Using the 'Rough Rainforest guide' by Paul Masson the children will carry out research to create their own Non-Fiction report about part of their journey from Pole to Pole.

Persuasive Writing - The children will take part in class debates and create a piece of persuasive writing about recycling and pollution.

Poetry – Children will be creating shape poetry about the Northern lights and The River Song by Brian Patten.

### Link to Core Values

**Courage:** Investigating the first explorers to the Poles and the courage they would have.

**Friendship:** The importance of working together as a team.

**PE:** With Mr Bailey, the children will be developing their skills in invasion, as well as net and wall games. After half term, they will be taking part in 6 weekly swimming lessons.

**ART:** This term, the children will be using their sketch books to develop drawing skills. This will include sketches of polar animals and landscapes linked to our expedition. They will be using pastels to create beautiful imagery of the Northern Lights.

**GEOGRAPHY:** The children will be using maps, atlases and globes to locate countries and continents in the world. They will use a compass to help develop their map reading skills and describe key aspects of physical geography, including climate zones and the water cycle.

They will compare and contrast the animals that live on the North and South pole and investigate why they are suited to each climate.

### **Key Learning Outcome:** The children will design and carry out an expedition with an overnight camp.

**SCIENCE:** The children will have two main focuses in science this term. Firstly, they will look at the states of matter, comparing and grouping materials together, according to whether they are solids, liquids, or gases. They will observe materials changing state when they are both heated and cooled, researching at what temperature this happens.

Secondly, the children will look at forces and magnets. They will have an opportunity to compare how things move on different surfaces, noticing that some forces need to contact between two objects, but magnetic forces can act at a distance.

**RELIGIOUS EDUCATION:** The children will be looking at 'The Gospel.' They will be able to; make clear links between the calling of the first disciples and how Christians today try to follow Jesus and be 'fishers of people', offer suggestions about what Jesus' actions towards the leper might mean for a Christian and give examples of how Christians try to show love to all.

**MUSIC:** The children will be experimenting with musical instruments to create a sound track about their journey. They will be investigating animal noises and environmental noises.

**ICT:** Computers will be used to enable children to research questions to discover the Polar Regions and to create fact files on an animal of their choice. They will also be learning computer safety.

**MATHS:** In Maths, the children will be continuing to build upon their knowledge of place value; reading, writing and ordering numbers and using this knowledge to improve mental calculation strategies. They will also work towards securing different efficient written methods for solving the four operations, especially multiplication and division. Finally, they will apply their knowledge to problem solving in a range of different contexts.

**PSHE:** The children will discuss and explore issues surrounding recycling and global warming and what they could do to help.

**HISTORY:** The children have created their own set of historical questions they would like to investigate as part of our History lessons, these include:

- What is the world record for the coldest temperature?
- Who discovered the North and South poles?
- Who was the first explorer to travel from the North to the South Pole and how did they do it?