

**Music:** Exploring rhythmic patterns in a range of tunes and composing with friends.

**DT:** Using our knowledge of electrical circuits to design and make a working torch.

**PSHE: Rights, rules and responsibilities:** We will be identifying the difference between wants and needs and explaining why rights are important.

**Science: Electricity:** Exploring electrical circuits. Investigating materials that conduct electricity. Making different types of switch to make and break a circuit.

**Computing:** Logo: We will be learning common commands and constructs of the Logo programming language. Effective searching: We will also be learning how to search the internet safely and effectively.

**PE: Hockey:** We will learn skills and tactics to help us play more effectively.

**OAA:** We will be developing our problem solving skills through a range of different challenges.

**Maths:** Continuing to learn times tables and how to multiply larger numbers using the column method.

Learning to divide by single digit numbers.

Calculating the area of rectangles and other shapes by counting squares and by multiplication.

Deepening our understanding of fractions, including equivalent fractions and mixed fractions.

## Race to the Pole

In this **history** focused topic, we will be learning about the polar expeditions of Scott, Amundsen, Shackleton and Fiennes. We will explore the differences between the Arctic and the Antarctic. Through their adventures, we will be learning about the different technology they used to transport themselves and their equipment as well as navigate. We are looking forward to dressing up in Arctic clothes to imagine what it was really like to be in Antarctica. Please let us know if you have any expertise about this topic that you would like to come in and share.

### English:

**Non-fiction:** Writing a biography of the life of Thomas Edison and his work on electricity.

We will also be writing a balanced argument discussing whether animals should be kept in zoos.

**Spelling:** continuing to explore and practise common spelling patterns with weekly practice.



**RE: Christianity and Miracles:** Exploring the miracles that are found in the Christian bible and their significance.

**French:** Consolidating numbers and days of the week/months of the year to be able to answer the question: When is your birthday?



## Which challenges will you choose to complete?

<p>Learn about another explorer and create a short presentation for the class about their adventure</p>	<p>Create a poster to explain why the sun is sometimes shining at midnight at the North or South Pole</p>	<p>Visit the Scott Polar Museum in Cambridge – show and tell about your visit</p>
<p>Create a spreadsheet to keep track of your pocket money – use OpenOffice, Excel, Google docs, or another spreadsheet program</p>	<p>Create a pop-up card for a friend or family member's birthday</p>	<p>Write an adventure story that you could read to the class</p>
<p>Write a poem about what it would be like at the South Pole, or about Scott's journey.</p>	<p>Use 2Create-A-Story on Purple Mash to make a "Choose Your Own Adventure" story</p>	<p>Make a model of the digestive system to show the class</p>

- Children are expected to complete their weekly reading, spelling and number fact homework.
- The optional challenges above can be completed at any time this half term. If you bring them into school, you will be able to share them with the class and get housepoints!
- Of course, if you have another brilliant idea for a challenge relating to our topic, you can do it instead.