

### English

Children will learn to read, recite and identify features of a non-fiction report. They will research facts about penguins, snow leopards and polar bears and write their own reports to share these facts. They will also write polar themed stories and poetry. Whilst writing stories and reports, children will be learning how to spell key tricky words and sounds. They will become more confident writing different sentence types (questions, commands, exclamations and statements) and investigate which punctuation to use for each. They will practise using a range of conjunctions to add detail to their sentences. They will explore adjectives, nouns, verbs and adverbs, identifying them when reading and also choosing their own to use when writing.

### Science

Year 2 will continue to learn about healthy eating, exercise and hygiene. They will also learn about animals and how they grow and change. They will learn about food chains in cold environments.

Throughout the units, children will be encouraged to work scientifically to plan, carry out and evaluate investigations.

### Maths

This term, children will be continuing to develop their understanding of place value. They will be comparing and ordering numbers. Children will be counting in steps of 2, 3, 5 and 10 and will continue to learn their 2x, 3x, 5x and 10x tables. They will begin to find, name and write fractions, e.g.  $\frac{1}{2}$  and  $\frac{1}{4}$  and find fractions of shapes and numbers. Children will estimate and measure length/height, capacity and mass. They will add, subtract, multiply and divide numbers using objects and jottings and develop more written strategies. They will name and describe the properties of 2D and 3D shapes. Children will learn how to pay for items using coins and give change. They will learn to make and interpret graphs and tables.

### Art and D.T.

Children will be creating a framed, Polar-themed piece of artwork which incorporates watercolours and acrylic paint skills. They will also learn how to shape and mould clay to make a model of their favourite polar animal. Parents and carers will be given the opportunity to purchase these to help raise money to adopt an animal.

### Geography

Children will learn about the seven continents and the five oceans of the world and locate them on maps. They will learn about life in the Arctic and Antarctica for the people and animals who try to survive there. They will learn about the lives of Inuit people.

### Educational Visits

On Tuesday 27<sup>th</sup> February, children will be visiting Bristol Zoo to learn about animals from different environments. They will take part in a polar experience workshop, where a polar explorer will teach them how animals and people survive in cold environments and about the life of a penguin in Antarctica.



Year 2  
Spring 2018



WWF

# Polar Explorers

*Launch: Children receive a letter from the WWF asking them to research Polar animals and raise money to adopt one.*

*Landing: We will sell beautiful framed artwork, clay models and cakes at the end of term to raise enough money to adopt at least one polar bear, snow leopard or penguin through the WWF.*



### PE

Children will be taught throwing, catching and rolling skills in their multi-skills sessions with our coach, Mr Marsland.

### Music

Children will be listening and responding to Vivaldi's Winter. They will compose and perform their own Winter-themed music.

### Outdoor Learning:

Children will have opportunities for prayer and reflection in our Spiritual Garden. Children will explore seasonal changes in the weather and local environment.

### PSHCE

Children will be learning about healthy eating, hygiene and exercise.

### Computing

This term, children will be learning how to use the internet safely, developing a set of class e-safety rules, with the help of 'Smartie the Penguin'. They will make posters using Paint to create a display of the rules. Afterwards, children will be exploring online tools to create tables and graphs.

### R.E.

In RE this term we will explore the focus value of 'Truthfulness'. Then we shall explore the key question 'Who is Muslim and how do they live?' Then we will learn about the first revelation of the Qur'an to Muhammad on the Night of Power and find out about how, where, when and why Muslims read the Qur'an. We shall explore prayer and find out what Muslims do and say so that we can understand why it is so important. Lastly we shall think about what lessons we could take from how Muslims live and think about whether their practices are valuable for all people to develop, whatever religion they may choose.