



# Sweat & Shiver

Westerleigh Class: Year 5  
Autumn 2019



## Key Areas of Learning

Our overall topic this term is led by the **Geography** curriculum and will draw upon the Cultural component of **SMSC** (Spiritual, Moral, Social and Cultural). As the summer draws to a close, we will focus on the hottest parts of Asia, Africa and America and will include Black History Day. After the half term break, we will begin to shiver as we focus on snowy Scandinavia and Christmas.

Our **Art and Design** work will be inspired by the natural and man-made landscape and architecture of the countries mentioned above. We will focus on the shapes, contours and colours of hot places including Tokyo, Kerala, Xi'an, Tunisia, Dallol, Sudan, Death Valley, Texas, Arizona. Then the cold of Helsinki, Reykjavik, Kiruna, Tromso and Skagen.

### ENGLISH

We will read a text in each half term. We begin with 'holes' by Louis Sachar and then move on to 'A Boy Called Christmas' by Matt Haig. We will focus on many types of non-fiction writing in our Geography project work whilst exploring many different fiction genres through our class texts. To begin with we will focus heavily on careful and accurate handwriting and presentation together with rigorous punctuation, grammar, and spelling. We will be working intensively on the process of planning, drafting, editing and improving our written communication whilst being happily lost inside two fabulous books.

### MATHEMATICS

Our focus areas for this term include: place value within 100 000 and 1 000 000, number, graphs, area and perimeter and the four operations - addition, subtraction, multiplication and division. We will also continue to develop our problem solving and reasoning for all of the above. As always, we will focus upon arithmetic, reasoning and times tables facts as a key part of our learning each week.

### SCIENCE

As **Scientists**, we will be looking at the life cycles of various species and describing the life processes of reproduction in plants and animals. After half-term, we will be learning about forces and machines. We will explore the forces of gravity and friction, including air and water resistance, before investigating how simple machines work.

### PE

This term swimming will take place on Monday afternoons. Mr Hook will focus on Hockey and gymnastics on Friday afternoons.

### RE

In R.E. this term we will look at Creation from a Christian perspective. We will also explore the question 'What is the best way for a Hindu to show commitment to God?'

### COMPUTING

We will be using the internet to help us in our research and using Microsoft programs to assist in the presentation of our topic work. Additionally, 'We are Taxonomists'. We will be using branching software and design to classify, identify and categorise living things in Science. We will also use computers to help make models and presentations about the circulatory system.

### PSHCE

This term we will be thinking about rights, responsibilities and duties, about our school community and about democracy in Britain. As we elect pupils to positions of responsibility we will focus on the election process before understanding how (most) laws are made – linking with SMSC and British Values.

### MUSIC

We will be exploring music relating to the countries that we are learning about. We will be listening, identifying and discussing musical components. We will learn to sing 'Africa' by Toto and will later analyse 'Sleigh Ride/Troika', the works of Greig and possibly even Abba and A-Ha!

### FRENCH

We will revise our learning so far. Then we will learn how to speak about the months, seasons, weather and temperatures. We will also learn the names of countries we are studying and how to talk about their geographical features.