

## PE

- I know and understand the reasons for warming up and cooling down.
- I know how to explain some safety principles when preparing for and during exercise.
- I know how to influence opposed conditioned games.
- I know how to control and catch a ball with movement.
- I know how to accurately pass to someone else.
- I know how to move with a ball (football/unihoc).
- I know how to use the space around me accurately and how to be a good team player.

## RE

- I know how to explain the importance of religious and non-religious stories alike.
- I know how to explore some of the significant stories in Sikhism.
- I know how to explore the meaning of Sikhs stories and understand how these are important today
- I know how to give examples of someone with a strong sense of purpose for their life and give my opinions on this.
- I know how to explore how significant it is for the Christian belief that God intended for Jesus to die.
- I know how to explain whether God intended Jesus to be crucified.

### Reading:

The Boy At The Back of The Class – Onqali Q. Raúf

### Trips and visitors

Ufton Court residential stay (trip) – dependent on Covid situation

## Literacy

- I know how to read aloud and understand new words, as well as ask questions about the text.
- I know how to distinguish the different between fact and opinion.
- I know how to retrieve, record and present information from non-fiction.
- I know how to skim and scan effectively for vocabulary, key ideas and facts.
- I know how to make recommendations, giving reasons and can participate in discussions about books, giving reasoned justifications for my views.
- I know how to make predictions, from details stated and implied.
- I know how to draw inferences, justifying with evidence.
- I know how to summarise ideas from more than one paragraph.
- I know how to use expanded noun phrases to convey complicated information concisely.
- I know how to use relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronouns.
- I know how to use brackets, dashes or commas to indicate parenthesis.
- I know how to Link ideas across paragraphs using adverbials of time.
- I know how to use the perfect form of verbs to mark relationships of time and cause.
- I know how to understand the difference between, and recognise vocabulary and structures typical of informal speech and structures appropriate for formal speech and writing.
- I know how to use modal verbs and I can indicate degrees of possibility using adverbs.
- I know how to select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning: tense / using causal conjunctions to back up arguments.
- I know how to use of range of sentence structures – simple, compound and a variety of complex structures / subordinating conjunctions.
- I know how to use and understand how further organisational and presentational devices structure text and guide the reader.
- I know how to link ideas across paragraphs using adverbials of time, place and number, or tense choices.
- I know how to plan, write and edit a newspaper report.
- I know how to plan, write and edit a recount.
- I know how to plan, write and edit a formal letter.

## Maths

- I know how to read tables and line graphs.
- I know how to compare and order fractions whose denominators are multiples of the same number.
- I know how to identify, name and write equivalent fractions of a given fraction, including tenths and hundredths.
- I know how to recognise and convert between mixed numbers and improper fractions.
- I know how to add and subtract fractions with the same denominator, and with denominators that are multiples of the same number.
- I know how to multiply proper fractions and mixed numbers by whole numbers.
- I know how to read and write decimal numbers as fractions.
- I know how to recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- I know how to add and subtract decimals.
- I know how to round decimals with 2 decimal places to the nearest whole number and to 1 decimal place.
- I know how to read, write, order, compare and solve problems with numbers with up to 3 decimal places.
- I know how to find and compare percentages.
- I know how to make links between fractions, decimals and percentages.

### Big Questions

- Where is Antarctica and what are its main features?
- What are the geographical similarities and differences between Antarctica and the UK?
- What impact is climate change and the disruption of natural resources having on Antarctica?

### Intent

To know what the impact of climate change is having on Antarctica, including the possible causes and solutions.

# Antartica

## Year 5 Spring Terms 3 & 4

### Music

- I can listen to and recall a range of patterns accurately.
- I can name/identify families of instruments by ear and describe their timbre.
- I can confidently use musical vocabulary to discuss and appreciate music of different styles, genres and traditions (based on music linked to cold weather).

### Art

- I know who Lowry is and how he used perspective in his art work.
- I know how to experiment with techniques to explore scale and perspective in compositions.

### Computing

- I know how to create artwork based on geometry using computing.
- I know how to create a webpage about how to be safe online.

### PSHE

- I know how to explore changing climates around the world and the impact humans have had on climate change.
- I know how to explore different habitats and how our own home is important.
- I know how to respond safely and appropriately to adults I may encounter (in all contexts including online) whom I do not know.
- I know how to recognise and report feelings of feeling unsafe or feeling bad about an adult.
- I know how to describe how medicines, when used responsibly, can support health and wellbeing.
- I know there are risks using drugs and some are illegal and unhealthy.

## Science

- I know how to compare and group materials on the basis of their properties and response to magnets.
- I know how to explain which materials will dissolve in a liquid and describe how to recover a substance from a solution.
- I know how to use knowledge of solids, liquids and gases to decide how mixtures might be separated.
- I know how to demonstrate that dissolving, mixing and some changes of state are reversible changes.
- I know how to explain that some changes result in the formation of new materials, and that this type of change is not usually reversible.

### Geography

- I know how to generate questions about Antarctica and discuss what I already know.
- I know how to locate Antarctica and map its main features.
- I know what the climate of Antarctica is and the effects this has on the continent.
- I know how to describe and give some reasons for geographical similarities and differences between UK.
- I know how to research to find out about explorers and their accomplishments in Antarctica.
- I know how to compare and contrast places where people live and give reasons for some differences.
- I know how to write a diary entry describing what it would be like to live and work on the Halley VI research station.
- I know how to understand the impact that climate change is having on Antarctica, including the possible causes and solutions.
- I know how to understand how the disruption of natural resources impacts on people.