

Year 5 Curriculum Overview – Arctic and Antarctic

English

Texts

Shackleton's Journey
The Ice Bear-Jackie Morris
A boy and a bear in the boat
The year in limericks -Eric Finney's Silly poems
When the colours spoke-Grace Nichols

Written Outcomes

Non-Chron reports
Recounts
Playscripts

Reading Objectives

Read books that are structured in different ways and read for a range of purposes, including fairy stories, myths and legends, and retell some of these orally. Ask and answer questions about a text-explain and discuss their understanding of books, poems and other materials.

Provide reasoned justifications for their views.

Continue to read and discuss a wide range of fiction, poetry, plays etc.

Discuss how authors use language, including figurative language, considering the impact on the reader.

Drawing inferences such as inferring characters feelings, thoughts and motives.

Learn a wider range of poetry off by heart.

Make predictions and inference based on what has been said and done.

Draw on what they already know or on background information and vocabulary provide by the teacher.

GPS

Use of parenthesis – using brackets, dashes or commas to indicate parenthesis

Use of expanded noun phrases to convey complicated information concisely

Terminology:

Parenthesis
Bracket
Dash

Music

Fresh Prince of Bel Air and other Hip Hop tunes

Listen and appraise a range of Hip Hop tunes.
Learn and build on knowledge and understanding about interrelated dimensions of music.

PSHE, RSE and Safety

Belonging to a community

Recognise the importance of having compassion towards others.

Money and Work

Know about stereotypes in the workplace and that a person's career aspirations should not be limited by them.

Understand what might influence people's decisions about a job or career (e.g. personal interests and values, family connections to certain trades or businesses, strengths and qualities).

Know that some jobs are paid more than others and money is one factor which may influence a person's job or career choice.

Recognise a variety of routes into careers (e.g. college, apprenticeship, university).

Mathematics

Number- Decimals

Read, write, order and compare numbers with up to three decimal places.

Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

Round decimals with two decimal places to the nearest whole number and to one decimal place.

Solve problems involving number up to three decimal places.

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Number – Percentages

Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.

Solve problems which require knowing percentage and decimal equivalents of 1 2 , 1 4 , 1 5 , 2 5 , 4 5 and those fractions with a denominator of a multiple of 10 or 25

Religious Education

Should we forgive others?

Show understanding of some reasons people might feel sorry.

Show understanding of some reasons why it is hard to 'make up' or apologise in a conflict.

Respond clearly with their own ideas about importance of confession to Christians.

Describe how some modern individuals have faced the challenge of forgiveness.

Geography

Arctic and Antarctic

Locate Arctic/ Antarctic on a map using geographical features

Identify different types of settlement and land use, including trade links.

Identify physical features.

Analyse evidence and draw conclusions.

Physical Education

Cricket

Choose skills that meet the needs of the situation. Show good awareness of others in game situations.

Watch and evaluate the success of games.

Tennis

Choose skills that meet the needs of the situation.

Hit the ball with purpose, varying speed, height and direction.

French

Les Vetements (Clothes)

Learn ten new nouns and articles for items of clothing.

Learn the verb structure, 'I wear' – je porte

Learn how a French verb looks in full, using the verb porter.

Science

Living things in their habitats.

Know the life processes of living things Understand what these terms mean.

Identify the life cycles of mammals, amphibians, insects and birds.

Identify the differences between these life cycles. State different parts of a flower.

Understand the purpose of each part.

Working Scientifically

Investigate how flowers and plants reproduce.

Interpreting Data

Complete, read and interpret information in tables. Present data of how plants and flowers reproduce.

Computing

Using software- We are artists

Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.

Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

History

Arctic and Antarctic

Learn about the exploration of the Polar regions. Use primary and secondary sources and discuss relative usefulness.

Recognise the events of the Antarctic journey. Discuss artefacts and sources of information.



Design and Technology

Creating a pair of gloves

Design a pair of gloves.

Select from and use a wider range of tools and equipment to perform practical tasks.

Sew blanket stitch.

Create and add decorations to fabric.

Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.

Evaluate their ideas and products against their own design criteria.

Enhancements

Debate

Is global warming real?

Is it right to move animals from their natural habitat? (zoos)

Should we develop the polar regions?