

English

See separate tracking document

Maths - Year 1 - Count to and across 100 from any number
Count, read and write numbers to 100 in numerals Read and write mathematical symbols: +, - and = Identify "one more" and "one less" Use number bonds and subtraction facts within 20 Add and subtract 1-digit and 2-digit numbers to 20, including zero **Year 2** - Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward Recognise the place value of each digit in a two-digit number Compare and order numbers from 0 up to 100; use and = signs Use place value and number facts to solve problems; recall and use addition and subtraction facts to 20 fluently, and derive and use related facts to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

History

Answer questions using an artefact/photograph provided, including an event beyond living memory
Start to use stories or accounts to distinguish between fact and fiction
Observe or handle a source/artefact – ask why, what, who, how, where to ask questions and find answers
Sequence a collection of artefacts, pictures, and events from a period in history studied
Describe how people, places and events have changed over time
Describe significant individuals from the past
Recount the life of someone famous from Britain who lived in the past using different resources to help them
Understand that there are reasons why people in the past acted as they did
Know and recount episodes from stories and significant events in history

Music

Use their voice to speak/sing/chant, Respond to musical indications about when to play or sing, Respond musically with increasing accuracy to a call (high/low, loud/soft, fast/slow) and keep a steady pulse, Perform a steady rhythm to a pulse, Sing accurately at a given pitch, Perform simple patterns and accompaniments keeping a steady pulse, Perform with others, Make different sounds with their voice, Make different sounds with instruments, Identify changes in sounds, Change the sound, Repeat (short rhythmic and melodic) patterns, Make a sequence of sounds, Show sounds by using pictures, Order sounds to create a beginning, middle and end, Create music in response to different starting points, Choose sounds which create an effect, Use symbols to represent sounds, Make connections between notations and musical sounds

Art & Design

Experiment with paint media using a range of tools, e.g., different brush sizes, hands, feet, rollers, and pads
Begin to control the types of marks made in a range of painting techniques e.g., layering, mixing media, and adding texture.
Understand how to make tints using white and tones by adding black to make darker and lighter shades. Name the primary colours and mix to create a range of secondary colours, being able to predict the resulting colours.

Antarctica

Autumn 2 0222

Learning Objectives

Design & Technology

Design products that have a purpose and are aimed at an intended user
Explain how their products will look and work through talking and simple annotated drawings
Understand how to identify a target group for what they intend to design and make based on a design criterion
Select from a range of materials, textiles, components, and tools appropriate for completing their projects
With help measure, mark out, cut and shape a range of materials
Begin to use simple finishing techniques to improve the appearance of their product, such as adding simple decorations.
Use basic sewing techniques

Geography

Express own views about a place, people, environment, Consider geographical questions –Where is this place? What is it like? How has it changed, Identify similarities and differences between the local environment and one other place, Consider geographical questions e.g., what is it like to live in this place? Express own views and preferences about a place, people, environment, location and give detailed reasons, Compare and describe an area of the UK to a place outside Europe using geographical words, Compare the UK with contrasting country in the world, Use basic geological vocabulary to refer to physical and human features, Name the four seasons and describe typical weather conditions for each, Identify hot and cold areas in the world and begin to understand climate in simple terms, Describe in simple terms how wind or water has affected the geography of an area, Use maps, pictures, and stories to find out about different places

RE – Year 1 - Give a clear, simple account of the story of Jesus' birth and why Jesus is important for Christians. (K2), Recognise that stories of Jesus' life come from the Gospels. (K2) Give examples of ways in which Christians use the story of the nativity to guide their beliefs and actions at Christmas.(S2-3) Decide what they personally have to be thankful for at Christmas time. (E2)
Year 2 - Recognise that Incarnation is part of the 'Big Story' of the Bible. (K2), Tell the story of the birth of Jesus and recognise the link with Incarnation — Jesus is 'God on Earth'. (K2), Give at least two examples of ways in which Christians use the nativity story in churches and at home; for example, using nativity scenes and carols to celebrate Jesus' birth. (S3), Think, talk and ask questions about the Christmas story and the lessons they might learn from it: for example, about being kind and generous.

PE

See separate tracking documents

Heartsmart/RSE

Children learn how to let love into their hearts
Children learn to recognise and celebrate their strengths and they ways in which they are all unique
Children learn to differentiate between the truths and lies that they hear and speak about themselves
Children learn that their names are important and show us a bit about who they are
Children learn that being thankful for what they have helps them develop a gratitude attitude
Children consider the difference in their heart rate after physical activity. Loving themselves well means learning to look after their health
Children learn ways to let love into their hearts

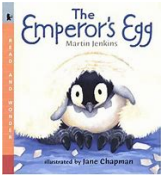
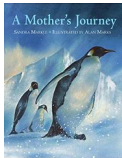
Science Year 1

Describe the simple physical properties of a variety of everyday materials
Compare and group together a variety of everyday materials on the basis of their simple physical properties
Distinguish between an object and the material from which it is made
Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
Year 2
Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

Computing

Year 1 - Know that images give information
Say what a pictogram is showing them
Put data into a program
Sort objects and pictures into simple lists or simple tables
Year 2 - Know that images give information
Say what a pictogram is showing them
Put data into a program
Sort objects and pictures into simple lists or simple tables
Make a simple Y/N tree diagram to sort information
Create and search a branching database

English



Maths

Year 1 – Addition & Subtraction within 10, Place Value within 20

Year 2 – Addition & Subtraction, Multiplication & Division (recap)

History

David Attenborough, Shackleton

Understand something of the life and person of Shackleton
Understand the route Shackleton and his team took across Antarctica.

Understand the importance of sea shanties designed to keep the crew's spirits up
Recognise some of the qualities required by Shackleton and his team to be able to keep going.

Music

Dynamics, timbre, tempo & motifs (Space)
Space Soundtrack – use voices to make sounds to represent space, creating atmosphere by using dynamics, Listening to space – listen to space inspired music. Respond creatively by drawing what they hear and then identify the dynamics, instruments and mood of the pieces of music, Comparing planets – compare two pieces of music by the same composer, use developing musical vocabulary to explain differences and changes in tempo, dynamics, timbre and the instruments used, Planet motif – play and create motifs (short sequences of sound), notating or writing down compositions, Journey to space – combine soundscapes with motifs to create and perform a longer piece of music

Art & Design

Penguin Pointillism

Create a pointillism background using shades of blue and white for an Antarctica landscape, and reds and oranges to create a sunset,
Use a penguin stencil to create a pointillism penguin to attach to background



Antarctica

Autumn 2 2022

Design & Technology

Christmas Tree Decoration (Cross-stitch)

Design a cross stitch design using square paper
Practice cross stitching in a line and tying it off
Make your cross-stitch decoration
Evaluate your work



Geography

Polar Regions

Understand key geographical details of Antarctica, and that it is a land mass and not an iceberg
Know key features of Antarctica's climate and the properties of ice, by observing ice melting and discussing their observations



RE

Incarnation – Why does Christmas matter to Christians?

Christians believe that Jesus is God and that he was born as a baby in Bethlehem
The Bible points out that his birth showed that he was extraordinary (for example, he is worshipped as a king, in Matthew) and that he came to bring good news (for example, to the poor, in Luke)
Christians celebrate Jesus' birth; Advent for Christians is a time of getting ready for Jesus' coming.

Heartsmart/RSE

Don't forget to let love in!

I am cubes

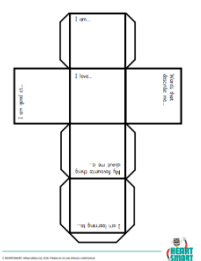
Trash or truth

Meaning of my name

Boundin

Heartbeat

Reflection



Science

Year 1– Naming everyday materials, Name and identify objects and the materials they are made from, Understand and explore the properties of varied materials, Test properties of different objects experiment, Sorting objects into groups based on their materials and/or properties

Year 2

Identify varied materials used in our homes, Classify objects based on the material they can be made from, Recognise that some objects can be made from more than one material, Identify materials that objects are made from, Test and record the properties of different objects, Know a range of properties of materials, Understand how a material's properties make it more or less suitable for a particular object, Understand where different materials come from, Classify materials as being man-made or natural

Computing

Year 1 – Grouping & Sorting (Computer Science)

Sorting away from the computer/Sorting on the computer
Pictograms (Information Technology) Data in pictures/Class pictogram/Recording results

Year 2 – Spreadsheets (Information Technology)

Reviewing the use of spreadsheets/Copying, cutting, pasting and totals/Using a spreadsheet to add amounts/Creating a table and block graph
Effective Searching (Digital Literacy) Understanding the internet & searching/Searching the Internet/Sharing knowledge of the internet & effective searching

PE

Gymnastics & Football