



### UNDERSTANDING THE WORLD

#### Working scientifically KS1

- **sc1** During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:
- **sc2** asking simple questions and recognising that they can be answered in different ways
- **sc3** observing closely, using simple equipment
- **sc4** performing simple tests
- **sc5** identifying and classifying
- **sc6** using their observations and ideas to suggest answers to questions
- **sc7** gathering and recording data to help in answering questions.

#### Uses of everyday materials KS1

- **sc29** identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- **sc30** find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

#### Place knowledge KS1

- **ge8** I can talk about the landscape and name some human and physical features of a place far away from the UK and what things are similar or different to the UK
- **ge9** I can tell you about the differences between the weather and landscape in the UK and in a country far away and how it affects the way of life of the people there

#### Human and physical geography KS1

- **ge11** I know how to record the weather using instruments to measure the temperature, rainfall, wind direction and estimating cloud coverage
- **ge12** I can identify the Equator and North and South Poles on a map and globe
- **ge13** I know that it is very hot in places around the Equator and very cold around the Poles

#### use basic geographical vocabulary to refer to: KS1

- **ge14** I know what physical features in the landscape are and can use the correct geographical vocabulary to name various physical features
- **ge15** I know what human features in the landscape are and can use the correct geographical vocabulary to name various human features

#### Geographical skills and fieldwork KS1

- **ge16** I can use maps and globes to identify places I am learning about
- **ge19** I can describe the location of places further away and how I might travel to them
- **ge26** I have recorded the weather over a period of time and taken photographs of the human and physical features around my school

### MATHEMATICS AND COMPUTING

#### KS1

- **co1** I know that an algorithm is an instruction in a computer program
- **co4** I can write a simple computer program
- **co5** I can find and correct a problem in my program
- **co6** I can predict what will happen by 'reading' a program

- **co7** I can use a variety of technologies to create and save my work
- **co10** I can talk about how information technology is used at home, in shops and in other places (mobile phones, internet etc)

### EXPRESSIVE ARTS AND DESIGN

#### KS1

- **ad1** I can use different materials to design and make things
- **ad5** I can use colour, texture and pattern in my work
- **ad6** I can use line, shape, form and space in my work
- **ad9** I can show you how ideas from famous people have helped me to create my own work

#### Make KS1

- **dt6** I can use scissors for cutting and shaping
- **dt9** I can select the appropriate materials and tools for my design
- **dt12** I can create or follow simple recipes

#### KS1

- **mu1** I can sing songs using my voice to show the meaning of the words and tune
- **mu6** I can sit and listen attentively to live music



### PSED & RELIGIOUS EDUCATION

#### 0 KS1

- Explore a range of religious stories and sacred writings, and talk about their meanings.
- Name and explore a range of celebrations, worship and rituals in religion, noting similarities where appropriate.
- Identify and suggest meanings for religious symbols.
- Begin to use a range of religious words.
- Looking after myself

#### PSED Developing a healthy, safer lifestyle KS1

- **ph5** Begin to maintain personal hygiene.

- **ph6** Begin to understand that certain actions spread disease.
- **ph7** Identify the main parts of the body.

#### Learning About Religion KS1

- **ra13** Explore a range of religious stories and sacred writings and talk about their meanings.
- **ra14** Name and explore a range of celebrations, worship and rituals in religion, noting similarities where appropriate.
- **ra18** Identify and suggest meanings for religious symbols and begin to use a range of religious words.

Finding north and south using a compass to locate animals you would find in the arctic/ antarctic (the playground)

Weather recordings everyday for 2 weeks.

# Frozen planet - Stage Coverage

UNDERSTANDING THE WORLD	MATHEMATICS AND COMPUTING	EXPRESSIVE ARTS AND DESIGN	PSED & RELIGIOUS EDUCATION			
<p><b>Working scientifically</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>sc1</b> During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:</li><li>• <b>sc2</b> asking simple questions and recognising that they can be answered in different ways</li><li>• <b>sc3</b> observing closely, using simple equipment</li><li>• <b>sc4</b> performing simple tests</li><li>• <b>sc5</b> identifying and classifying</li><li>• <b>sc6</b> using their observations and ideas to suggest answers to questions</li><li>• <b>sc7</b> gathering and recording data to help in answering questions.</li></ul> <p><b>Uses of everyday materials</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>sc29</b> identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li><li>• <b>sc30</b> find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</li></ul> <p><b>Place knowledge</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ge8</b> understand the human and physical geography of a small area in a contrasting non-European country</li><li>• <b>ge9</b> understand geographical similarities and differences through studying the human and physical geography of a small area in a contrasting non-European country</li></ul> <p><b>Human and physical geography</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ge11</b> identify daily weather patterns in the United Kingdom</li><li>• <b>ge12</b> identify the location of the Equator and the North and South Poles</li><li>• <b>ge13</b> identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles</li></ul> <p><b>use basic geographical vocabulary to refer to:</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ge14</b> key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather</li><li>• <b>ge15</b> key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop</li></ul> <p><b>Geographical skills and fieldwork</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ge16</b> use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage</li><li>• <b>ge19</b> use simple compass directions (North, South, East and West) and locational and directional language (e.g. near and far) to describe routes on a map</li><li>• <b>ge26</b> use simple fieldwork and observational skills to study the geography of their school and its grounds</li></ul>	<p><i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>co1</b> understand what algorithms are</li><li>• <b>co4</b> create simple programs</li><li>• <b>co5</b> debug simple programs</li><li>• <b>co6</b> use logical reasoning to predict the behaviour of simple programs</li><li>• <b>co7</b> use technology purposefully to create digital content</li><li>• <b>co10</b> recognise common uses of information technology beyond school.</li></ul>	<p><i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ad1</b> to use a range of materials creatively to design and make products</li><li>• <b>ad5</b> to develop a wide range of art and design techniques in using colour, pattern, texture,</li><li>• <b>ad6</b> to develop a wide range of art and design techniques in using line, shape, form and space</li><li>• <b>ad9</b> about the work of a range of artists, craft makers and designers, making links to their own work.</li></ul> <p><b>Make</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>dt6</b> select from and use a range of tools and equipment to perform practical tasks such as cutting and shaping</li><li>• <b>dt9</b> select from and use a range of tools and equipment to perform practical tasks</li><li>• <b>dt12</b> select from and use a wide range of materials and components, including ingredients</li></ul> <p><i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>mu1</b> use their voices expressively by singing songs</li><li>• <b>mu6</b> listen with concentration and understanding to a range of high-quality live music</li></ul>	<p><b>PSED Developing a healthy, safer lifestyle</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ph5</b> Begin to maintain personal hygiene.</li><li>• <b>ph6</b> Begin to understand that certain actions spread disease.</li><li>• <b>ph7</b> Identify the main parts of the body.</li></ul> <p><b>Learning About Religion</b> <i>KS1</i></p> <ul style="list-style-type: none"><li>• <b>ra13</b> Explore a range of religious stories and sacred writings and talk about their meanings.</li><li>• <b>ra14</b> Name and explore a range of celebrations, worship and rituals in religion, noting similarities where appropriate.</li><li>• <b>ra18</b> Identify and suggest meanings for religious symbols and begin to use a range of religious words.</li></ul>			

