

MATHEMATICS AND COMPUTING

Number - number and place value KS1 m1 count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given

- · m2 count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens · m4 identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least · m5 read and write numbers from 1 to 20 in
- Number addition and subtraction KS1 · **m6** read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs

numerals and words.

- · m7 represent and use number bonds and related subtraction facts within 20 • m8 add and subtract one-digit and two-digit
- numbers to 20, including zero • m9 solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number

Geometry - properties of shapes KS1

· m27 recognise and name common 2-D and 3-D shapes, including: • m28 2-D shapes [for example, rectangles (including squares), circles and triangles] · m29 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].

· co3 I know that programmable toys can only understand the program language and can only do what the programs tells them to do · coll I know how to use equipment safely and · co12 I understand what 'personal information' is

and why it must be kept private · co13 I know what to do if I am worried about anything when I am using the internet

Maths we will look at 2D and 3D shapes, identifying their comparing them. We will return to place value, learning about

to 20. We will recap addition and subtraction, this time extending understanding to numbers up to 20.

In ICT we will continue to log on to the laptops safely and sensibly, as using the iPads on a variety of games. We will use Maths Whizz program the BeeBots to follow simple instructions.

In Science we will identify and classify animals, using observations

questions and think about ways to find out answers. We will name

In Geography we will find and name the seven continents on a map

the world's five oceans. We will revisit the seasons, naming them

describing the weather in each. We will identify the Equator and

cold at the poles through our topic work about the Arctic.

and South Poles on a map. We will learn that it is hot at the Equator

animals, comparing their structures and grouping them into

In Guided Reading we will continue to read and explore books

discussing key features and answering questions. We will correct reading aloud and link what we read to our own experiences. We will continue to practice spelling the common words and continue to

pre-cursive writing with a few to joining up some letters and words half term. We will still use the think, say, write, read and check

strategy when writing sentences. We will begin to use the conjunction 'and' writing as well as capital letters for names of people and places. We begin to explore fiction writing, focusing on the story "Lost and

UNDERSTANDING THE WORLD

Working scientifically KS1

problems such as 7 = ? - 9.

- · 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

Animals, including humans KS1

· sc10 identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals sc11 identify and name a variety of common

- animals that are carnivores, herbivores and omnivores • sc12 describe and compare the structure of a
- variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)

Location knowledge KS1 gel I can find and name the world's seven

continents on a map and globe • ge2 I can find and name the world's five oceans on a map and globe

PHYSICAL EDUCATION

· pe1.2 I can send and receive a ball or other

equipment in different ways (hitting, kicking,

pe1.5 I can co-operate with a partner or small group to develop my skills, showing awareness of

throwing, striking)

others' needs

Place knowledge KS1

• 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

• ge10 I know the names of the four seasons and the weather to expect in each one • ge12 I can identify the Equator and North and South Poles on a map and globe

• ge13 I know that it is very hot I places around the Equator and very cold around the Poles

use basic geographical vocabulary to refer to:

• ge14 I know what physical features in the landscape are and can use the correct geographical vocabulary to name various physical features

Geographical skills and fieldwork KS1 • ge16 I can use maps and globes to identify places I am learning about

• pe3 I can respond to music with controlled

feelings

movements, creating and repeating simple dance

sequences to express and communicate ideas and

In PE this term the children will be learning through games and In games they will be developing skipping with a rope as well as bat

skills. In dance they will be responding to music and developing movement patterns in pairs and as an individual.

On the

Arctic

Tundra

(Y1T3)

to our peers. We will speak audibly and fluently and participate in discussions, presentations and role play.

We will continue to work on our attention and sitting, especially

In PSED we will continue to develop empathy and recognise right

wrong through our interactions around school, at break time and in

classroom. We will continue to follow the rules and contribute to the and the school as a whole.

In RE we will begin to look at comparing Christianity with other

religions including their celebrations and worship styles.

LITERACY

Reading - word reading KS1

• e1 apply phonic knowledge and skills as the route to decode words • e2 respond speedily with the correct sound to

phonemes, including, where applicable, alternative sounds for graphemes

where these occur in the word

• e6 read other words of more than one syllable that contain taught GPCs

out words

Reading - comprehension KS1

• e10 develop pleasure in reading, motivation to

that at which they can read independently

• e12 being encouraged to link what they read or hear read to their own experiences

• e18 drawing on what they already know or on background information and vocabulary provided by

• e19 checking that the text makes sense to them as they read and correcting inaccurate reading • e20 discussing the significance of the title and

• e21 making inferences on the basis of what is being said and done

• e22 predicting what might happen on the basis of what has been read so far

· e23 participate in discussion about what is read to them, taking turns and listening to what others say • e24 explain clearly their understanding of what is read to them.

Writing - transcription - Spelling KS1

- e25 words containing each of the 40+ phonemes already taught

• e28 name the letters of the alphabet:

graphemes (letters or groups of letters) for all 40+

• e3 read accurately by blending sounds in unfamiliar words containing GPCs that have been

· e4 read common exception words, noting unusual correspondences between spelling and sound and

• e8 read aloud accurately books that are consistent with their developing phonic knowledge and that do not require them to use other strategies to work

read, vocabulary and understanding by:

· e11 listening to and discussing a wide range of poems, stories and non-fiction at a level beyond

• e16 discussing word meanings, linking new meanings to those already known

- e26 common exception words

- e29 naming the letters of the alphabet in order
- e30 using letter names to distinguish between
- alternative spellings of the same sound • e35 apply simple spelling rules and guidance, as
- listed in English Appendix 1 • e36 write from memory simple sentences dictated by the teacher that include words using the GPCs

Writing - handwriting KS1

• e37 sit correctly at a table, holding a pencil comfortably and correctly

and common exception words taught so far.

- e38 begin to form lower-case letters in the correct direction, starting and finishing in the right
- e39 form capital letters
- **e40** form digits 0-9

• e41 understand which letters belong to which handwriting 'families' (i.e. letters that are formed in similar ways) and to practise these.

Writing - composition KS1

- e42 write sentences by:
- e43 saying out loud what they are going to write
- e44 composing a sentence orally before writing it • e45 sequencing sentences to form short
- e46 re-reading what they have written to check
- that it makes sense • e47 discuss what they have written with the
- teacher or other pupils • e48 read aloud their writing clearly enough to be

heard by their peers and the teacher.

Writing - vocabulary, grammar and punctuation

- e50 leaving spaces between words
- e51 joining words and joining clauses using and • e52 beginning to punctuate sentences using a
- exclamation mark • e53 using a capital letter for names of people, places, the days of the week, and the personal pronoun 'I'

capital letter and a full stop, question mark or

· e54 learning the grammar for year 1 in English Appendix 2

• e55 use the grammatical terminology in English Appendix 2 in discussing their writing.

COMMUNICATION AND LANGUAGE

- · sl1 listen and respond appropriately to adults and their peers
- · sl2 ask relevant questions to extend their understanding and knowledge · sl3 use relevant strategies to build their
- vocabulary · sl4 articulate and justify answers, arguments and opinions
- · sl6 maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- command of Standard English • sl9 participate in discussions, presentations, performances, role play, improvisations and debates

· sl8 speak audibly and fluently with an increasing

PSED & RELIGIOUS EDUCATION

PSED Preparing to play an active role as citizens

- pa5 Continue to develop empathy for others.
- pa6 Recognise what is right and wrong. • pa7 Agree and follow rules for their group and
- pa8 Know how to apologise and make amends. · pa9 Realise that people and other living things
- · pa10 Develop understanding of groups they belong
- pall Contribute to the life of the class and
- PSED Developing confidence and responsibility and making the most of their abilities KS1 · pc18 Take and share responsibility, for example for their own behaviour.

- pr15 Listen to other people, and play and work co-operatively.
- pr16 Develop a caring attitude towards family, friends and each other. • pr17 Greet and talk with adults.
- pr18 Develop positive relationships through work

• pr19 Be able to ask for help from an 'appropriate'

RE - Learning From Religion KS1

- rf11 Reflect on and consider religious experiences such as thanks and joy. rf12 Ask puzzling questions and respond
- accordingly. · rf15 Recognise that religious teaching and ideas
- make a difference to individuals and families.

On the Arctic Tundra (Y1T3) - Stage Coverage

MATHEMATICS AND COMPUTING UNDERSTANDING THE WORLD Working scientifically KS1 Number - number and place value KS1 sc2 asking simple questions and recognising that • m1 count to and across 100, forwards and they can be answered in different ways backwards, beginning with 0 or 1, or from any given • sc3 observing closely, using simple equipment sc4 performing simple tests • m2 count, read and write numbers to 100 in sc5 identifying and classifying numerals; count in multiples of twos, fives and tens sc6 using their observations and ideas to suggest m4 identify and represent numbers using objects answers to questions and pictorial representations including the number line, and use the language of: equal to, more than, Animals, including humans KS1 less than (fewer), most, least • m5 read and write numbers from 1 to 20 in • sc10 identify and name a variety of common animals including fish, amphibians, reptiles, birds and numerals and words. mammals sc11 identify and name a variety of common Number - addition and subtraction KS1 animals that are carnivores, herbivores and • m6 read, write and interpret mathematical omnivores statements involving addition (+), subtraction (-) and • sc12 describe and compare the structure of a equals (=) signs • m7 represent and use number bonds and related variety of common animals (fish, amphibians, subtraction facts within 20 reptiles, birds and mammals, including pets) • m8 add and subtract one-digit and two-digit Location knowledge KS1 numbers to 20, including zero • **ge1** name and locate the world's seven continents • **m9** solve one-step problems that involve addition • ge2 name and locate the world's five oceans and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? - 9. Place knowledge KS1 ge9 understand geographical similarities and differences through studying the human and physical Geometry - properties of shapes KS1 • m27 recognise and name common 2-D and 3-D geography of a small area in a contrasting non-European country shapes, including: • m28 2-D shapes [for example, rectangles (including Human and physical geography KS1 squares), circles and triangles] • ge10 identify seasonal weather patterns in the • m29 3-D shapes [for example, cuboids (including United Kingdom cubes), pyramids and spheres]. ge12 identify the location of the Equator and the North and South Poles • ge13 identify the location of hot and cold areas of co3 understand that programs execute by following the world in relation to the Equator and the North and precise and unambiguous instructions South Poles • co11 use technology safely and respectfully co12 keep personal information private use basic geographical vocabulary to refer to: • co13 know where to go for help and support when they have concerns about material on the internet ge14 key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather Geographical skills and fieldwork KS1 • **ge16** 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

KS1 • pe1 and o • pe1 these · pe3 patte

age	
PHYSICAL EDUCATION	
e1.2 master basic movements including throwing dicatching e1.5 master basic movements and begin to apply se in a range of activities e3 perform dances using simple movement terns.	Reading • e1 app to decod • e2 resp graphem phonem sounds f • e3 read words co • e4 read correspo where th • e6 read contain f • e8 read with thei not requ words
	Reading • e10 de vocabula • e11 list poems, s at which • e12 be hear rea • e16 dis meaning • e18 dra backgrow the teach • e19 che they read • e20 dis events • e21 ma said and • e22 pro what has • e23 pa them, tal • e24 ex read to t Writing
	• e25 wo already to e26 co. • e28 na. • e29 na. • e30 us alternative e35 applisted in e36 write by the teand com
	Writing • e37 sit comforta • e38 be direction • e39 for • e40 for • e41 un handwrit similar w
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LITERACY	COM
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JUNICATION AND LANGUAGE PSED & RELIGIOUS EDUCATION PSED Preparing to play an active role as citizens en and respond appropriately to adults and • pa5 Continue to develop empathy for others. relevant questions to extend their • pa6 Recognise what is right and wrong. • pa7 Agree and follow rules for their group and nding and knowledge classroom. relevant strategies to build their vocabulary pa8 Know how to apologise and make amends. culate and justify answers, arguments and pa9 Realise that people and other living things have ntain attention and participate actively in pa10 Develop understanding of groups they belong ative conversations, staying on topic and and responding to comments ak audibly and fluently with an increasing pa11 Contribute to the life of the class and school. nd of Standard English ticipate in discussions, presentations, PSED Developing confidence and responsibility and making the most of their abilities KS1 inces, role play, improvisations and debates pc18 Take and share responsibility, for example, for their own behaviour. PSED Developing good relationships and respecting the differences between people KS1 • pr15 Listen to other people, and play and work co-operatively. pr16 Develop a caring attitude towards family, friends and each other. • pr17 Greet and talk with adults. • pr18 Develop positive relationships through work pr19 Be able to ask for help from an 'appropriate' RE - Learning From Religion KS1 • rf11 Reflect on and consider religious experiences such as thanks and joy. rf12 Ask puzzling questions and respond accordingly. • rf15 Recognise that religious teaching and ideas make a difference to individuals and families. **Learning About Religion KS1** • ra6 Explore a range of religious stories. • ra9 Name and explore a range of worship styles.

