

Final Event: To create and read a map correctly to find the treasure!

MATHEMATICS AND COMPUTING

Number - fractions (including decimals) LK52 • m133 recognise and show, using diagrams, families of common equivalent fractions

· m134 count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

m135 solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

• m136 add and subtract fractions with the same denominator

• m137 recognise and write decimal equivalents of any number of tenths or hundredths • m138 recognise and write decimal equivalents to

m139 find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and

· m140 round decimals with one decimal place to the nearest whole number

· m141 compare numbers with the same number of decimal places up to two decimal places · m142 solve simple measure and money problems involving fractions and decimals to two decimal

· co14 I can design, write and debug simple programs to control or simulate physical systems · co23 I understand internal computer networks (intranet) and external networks (internet) and the opportunities they provide

· co24 I can use search technologies effectively · co29 I know the rules for keeping safe on the internet and how to be a responsible internet user · co30 I know what is acceptable content and behaviour on the internet and what to do if I am, or any of my friends are, a victim of any inappropriate

UNDERSTANDING THE WORLD

Working scientifically LKS2

• sc33 setting up simple practical enquiries, comparative and fair tests

sc34 making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers sc35 gathering, recording, classifying and presenting data in a variety of ways to help in answering questions

• sc37 reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions

States of matter LKS2

sc67 compare and group materials together. according to whether they are solids, liquids or

• sc68 observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

sc69 identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Location knowledge LKS2

• ge31 I can name and locate the counties and major

• **ge36** I understand latitude and can locate and name the Equator, Northern and Southern hemispheres, the Tropics of Cancer and Capricorn and the Arctic and Antarctic circles · ge37 I understand longitude and can locate the Prime/Greenwich Meridian and explain its

Human and physical geography LKS2

Geographical skills and fieldwork LK52 · ge46 I can use a variety of paper-based and digital resources to locate and identify places and features around the world • ge47 I can read and understand eight points of a

• ge48 I can use four and six figure grid references

• ge50 I have done a local study which included the digital collection and presentation of data as well as drawing sketch maps and plans to support my

governance of time zones (including day and night)

· **ge41** I understand the water cycle

• ge49 I understand keys and the symbols on an

observations

EXPRESSIVE ARTS AND DESIGN

ad10 I can show in my sketch book how I have developed techniques and ideas ad12 I can show examples of drawing using pencil and charcoal. · ad13 I can show examples of painting with different kinds of paint ad15 I can talk about some famous artists,

mull I can sing in a group, or on my own, with expression, awareness of others and in tune

architects and designers from the past

· mu12 I can play instruments with accuracy and

· mu14 I can compose pieces of music for a specific purpose, choosing and combining sounds to achieve the effect I desire

• mul5 I can compose pieces of music using the dimensions and elements of music expressively · mu21 I can talk about some famous composers and musicians and express my opinions of their music using appropriate vocabulary

be using all of our skills from multiplying, dividing, subtracting and adding that we have worked hard to understand. ICI/D&I In ICT we shall be looking at designing our own electronic toys that you can already buy. We shall be designing them and then using our presentation

This term, Year Four will be looking at Fractions and Decimals. This will

nvolve looking at fractions as division, comparing fractions, finding

equivalent fractions, adding and subtracting fractions and fractions of amount too. We will then explore decimal equivalents and rounding. We will

sell them to someone in the Dragon's Den style!

In Science this term, we shall be looking at our Chemistry strand of States of Matter. We will be able to understand the 3 groups we put states into, gas, liquid and solid. Also, we shall be looking at how matter can change through these 3 states and what is needed to change them. We will also be exploring the water cycle and understanding what happens to water. We shall be using key words such as evaporation, condensation and transportation. The children will then create their own investigation

Geography
In Geography, Year Four shall be exploring map skills. This will include understand different types of maps and atlases, reading symbols on maps, being able to locate places of importance, understanding the difference between longitude and latitude and even reading compasses and 4 and 6 digit grid references. This will lead onto our local and contrasting locality study next term.

looking at what would speed up or slow down the changing of state.

Year Four will be looking at classical artists this term, namely Van Gogh and Claude Monet. They will be learning about how they designed their works of art and what techniques and equipment they used. They will then be able to create their own pieces of art work based on one of the artists' famous painting using similar tools. The children will be able to comment on their work and that of others.

This term we shall be looking at glockenspiels and the way it is used when playing and composing music. We shall be learning how to play a tune on the instruments and be able to play it back as a class.

In English, we will be looking at the novel 'The Water Horse' by Dick King-Smith. We will be looking at different structure and language features that the author has used and think about how we can use this in our own work. We will firstly be writing a biography on Dick King-Smith so we can learn more about him and we will then be writing an explanation text on the life cycle of a Water Horse. This will involve us thinking carefully about our use of commas, fronted adverbials and interesting connectives.

This term, Year Four will continue to develop basic sentence structure. We will be able to speak in some detail about our families and what we like to do in our spare time.

Mapping Madness (Y4T3)

> In RE this term, Year Four will be continuing to develop their understanding of festivals in different cultures. We shall be exploring the Hindu festival of Holi and its origins. We shall also be looking at why we celebrate things and we will discuss what is good and what is evil. We shall then be doing our own research on another festival and comparing what is similar and what is different.

Year Four will be looking at their role in the wider community and what it means to be 'responsible'. This will involve looking at our environment. community, school and families and how we can make sure that we are being a responsible member of the world.

In PE this term the children will be continuing with OAA, developing teamwork, communication and leadership skills. The children will be about how to read symbols on a map and trying out some The children will also be carrying out Gymnastics, specifically

focusing on rolling and how to use it in a sequence.

CBBC news round -We will be watching global new daily and discuss our rights based on the current news stories.

OUTDOOR LEARNING

Year 4 have PE on Tuesdays and Thursdays with Miss Dix.

Science- Year Four will be exploring the Water Cycle in outdoor

Geography - Use of outdoor area to develop our mapping skills.

SMSC RE **Assemblies** PSHE Class Charter Partner Talk

LITERACY

· e138 listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks

and retelling some of these orally

the reader's interest and imagination • e148 asking questions to improve their

• e149 drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with

• e154 participate in discussion about both books themselves, taking turns and listening to what

Writing - transcription - Spelling LKS2 • e158 place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's]

Reading - comprehension LK52

• e139 reading books that are structured in

different ways and reading for a range of purposes • e141 increasing their familiarity with a wide range of books, including fairy stories, myths and legends,

• e144 discussing words and phrases that capture

understanding of a text

· e150 predicting what might happen from details stated and implied

that are read to them and those they can read for others say.

Writing - handwriting LKS2

· e161 use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left

· e162 increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].

Writing - composition LKS2 · e164 discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar

• e165 discussing and recording ideas • e168 organising paragraphs around a theme

• e172 assessing the effectiveness of their own and others' writing and suggesting improvements

Writing - vocabulary, grammar and punctuation · e177 extending the range of sentences with more

than one clause by using a wider range of conjunctions, including when, if, because, although • e181 using fronted adverbials

• e185 indicating possession by using the possessive apostrophe with plural nouns

COMMUNICATION AND LANGUAGE

• fl2.1 I can spell and pronounce the words correctly in the songs and poems I know

• fl7 I can read simple passages with understanding • fl10 I can write phrases from memory

• fl3.1 I can express my own and understand

• fl12 I know that some words are governed by · sl16 articulate and justify answers, arguments and

· sl17 give well-structured descriptions, explanations and narratives for different purposes, including for expressing feelings

command of Standard English · sl23 consider and evaluate different viewpoints,

· sl20 speak audibly and fluently with an increasing

attending to and building on the contributions of

PSED & RELIGIOUS EDUCATION

PSED Preparing to play an active role as citizens

· pa28 Identify reasons about why rules are needed.

• pa29 Understand there are consequences when rules are broken.

PSED Developing confidence and responsibility and making the most of their abilities LKS2 • pc29 Able to explain their views on issues that affect the school environment.

• pc30 Able to reflect on their mistakes and make

• pc31 Begin to make responsible choices and consider consequences.

• pc32 Identify the range of skills needed in different jobs.

RE - Learning From Religion LKS2 · rf28 Reflect on ideas of right and wrong and others' response to them.

Learning About Religion LKS2

· ra27 Describe the variety of practices and ways of life in religions.

· ra28 Identify and describe the similarities in

· ra33 Use information about religions from a range

PHYSICAL EDUCATION

• pe6.1 I can perform fluent gymnastics sequences to demonstrate my control and balance • pe8 I can tell you about outdoor and adventurous activities I have achieved on my own

• pe8.1 I can tell you about outdoor and adventurous activities I have achieved in a team



Mapping Madness (Y4T3) - Stage Coverage UNDERSTANDING THE WORLD MATHEMATICS AND COMPUTING Working scientifically LKS2 Number - fractions (including decimals) LKS2 sc33 setting up simple practical enquiries, • m133 recognise and show, using diagrams, families comparative and fair tests of common equivalent fractions sc34 making systematic and careful observations • m134 count up and down in hundredths; recognise and, where appropriate, taking accurate that hundredths arise when dividing an object by one measurements using standard units, using a range o hundred and dividing tenths by ten. equipment, including thermometers and data loggers • m135 solve problems involving increasingly harder • sc35 gathering, recording, classifying and fractions to calculate quantities, and fractions to presenting data in a variety of ways to help in divide quantities, including non-unit fractions where the answer is a whole number answering questions sc37 reporting on findings from enquiries, including m136 add and subtract fractions with the same oral and written explanations, displays or denominator • m137 recognise and write decimal equivalents of presentations of results and conclusions any number of tenths or hundredths

1/4, 1/2, 3/4

places.

responsibly

nearest whole number

m138 recognise and write decimal equivalents to

• m139 find the effect of dividing a one- or two-digit

number by 10 and 100, identifying the value of the

digits in the answer as ones, tenths and hundredths

m140 round decimals with one decimal place to the

m141 compare numbers with the same number of

• m142 solve simple measure and money problems

co14 design, write and debug programs, controlling

co23 understand computer networks including the

internet; how they can provide multiple services, such

as the world-wide web; and the opportunities they

offer for communication and collaboration

co24 use search technologies effectively

co30 recognise acceptable/unacceptable

behaviour; identify a range of ways to report

concerns about content and contact

co29 use technology safely, respectfully and

involving fractions and decimals to two decimal

decimal places up to two decimal places

or simulating physical systems

States of matter LKS2

degrees Celsius (°C)

United Kingdom

sc67 compare and group materials together,

according to whether they are solids, liquids or gases

• sc68 observe that some materials change state

when they are heated or cooled, and measure or

research the temperature at which this happens in

sc69 identify the part played by evaporation and

condensation in the water cycle and associate the

ge31 name and locate counties and cities of the

longitude, Equator, Northern Hemisphere, Southern

Hemisphere, the Tropics of Cancer and Capricorn,

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ge37 identify the position and significance of

latitude, the Prime/Greenwich Meridian and time

rate of evaporation with temperature.

Location knowledge LKS2

Arctic and Antarctic Circle

• **ge41** the water cycle

describe features studied

Ordnance Survey maps)

zones (including day and night)

Human and physical geography LKS2

Geographical skills and fieldwork LKS2

ge47 use the eight points of a compass ge48 use four and six-figure grid references

ge49 symbols and key (including the use of

ge50 use fieldwork to observe, measure and record

the human and physical features in the local area

using a range of methods, including sketch maps,

digital/computer mapping to locate countries and

ge46 use maps, atlases, globes and

EXPRESSIVE ARTS AND DESIGN PHYSICAL EDUCATION LKS2 LKS2 • ad10 to create sketch books to record their • **pe6.1** develop flexibility, strength, technique, control observations and use them to review and revisit and balance, for example gymnastics pe8 take part in outdoor and adventurous activity ad12 to improve their mastery of art and design challenges individually pe8.1 take part in outdoor and adventurous activity techniques, including drawing with pencil and challenges within a team charcoal ad13 to improve their mastery of art and design techniques, including painting with a range of materials ad15 about great artists, architects and designers in history. mu11 perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression mu12 play musical instruments with increasing accuracy mu14 improvise and compose music for a range of purposes • mu15 improvise and compose music using the inter-related dimensions of music mu21 appreciate some great composers and musicians

LITERACY Reading - comprehension LKS2 • e138 listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks and respond to those of others fl7 read carefully and show understanding of words, • e139 reading books that are structured in different ways and reading for a range of purposes phrases and simple writing e141 increasing their familiarity with a wide range of fl10 write phrases from memory, and adapt these t books, including fairy stories, myths and legends, and create new sentences, to express ideas clearly retelling some of these orally • fl12 understand basic grammar appropriate to the language being studied, including (where relevant): • e144 discussing words and phrases that capture the reader's interest and imagination feminine, masculine and neuter forms e148 asking questions to improve their sl16 articulate and justify answers, arguments and understanding of a text opinions sl17 give well-structured descriptions, explanations e149 drawing inferences such as inferring characters' feelings, thoughts and motives from their and narratives for different purposes, including for actions, and justifying inferences with evidence expressing feelings e150 predicting what might happen from details sl20 speak audibly and fluently with an increasing command of Standard English stated and implied • e154 participate in discussion about both books that sl23 consider and evaluate different viewpoints, are read to them and those they can read for attending to and building on the contributions of themselves, taking turns and listening to what others Writing - transcription - Spelling LKS2 • e158 place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's] Writing - handwriting LKS2 e161 use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined • e162 increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch]. Writing - composition LKS2 • e164 discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar e165 discussing and recording ideas e168 organising paragraphs around a theme • e172 assessing the effectiveness of their own and others' writing and suggesting improvements Writing - vocabulary, grammar and punctuation e177 extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although • e181 using fronted adverbials • e185 indicating possession by using the possessive apostrophe with plural nouns

COMMUNICATION AND LANGUAGE PSED & RELIGIOUS EDUCATION PSED Preparing to play an active role as citizens

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