



### UNDERSTANDING THE WORLD

#### Place knowledge LKS2

- **ge38** I can describe the geographical similarities and differences of the physical features of contrasting locations in the UK, Europe and a region of North and South America

#### Human and physical geography LKS2

- **ge40** I understand physical geography in relation to rivers, mountains, volcanoes and earthquakes

### EXPRESSIVE ARTS AND DESIGN

#### LKS2

- **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

#### LKS2

- **mu14** I can compose pieces of music for a specific purpose, choosing and combining sounds to achieve the effect I desire
- **mu15** I can compose pieces of music using the dimensions and elements of music expressively

### PSED & RELIGIOUS EDUCATION

#### O LKS2

- **AF1** I know that what people do in their lives can be affected by what they believe (OS)
- **AF2** I can describe ways people show their religious beliefs and what they might mean (OS)
- **AF3** I can compare my reasons with that of others (OS)

#### PSED Developing confidence and responsibility and making the most of their abilities LKS2

- **pc25** Be able to talk about their views on issues that affect themselves and their class.
- **pc26** Begin to recognise their worth as individuals by identifying positive things about themselves and their achievements.

- **pc27** Be able to face new challenges positively and know when to seek help.

#### RE - Learning From Religion LKS2

- **rf21** Reflect on what it means to belong to a faith community.
- **rf23** Identify how commitment to a religion is shown.

#### Learning About Religion LKS2

- **ra22** Investigate the importance of religion in the local community.

In Geography we will be looking at Volcanoes and Earthquakes. We will be learning about how both happen and why they are rare in the UK. We will be learning to label the parts of a Volcano as well as looking at 'the ring of fire'. This will help us understand where in the World we can find Volcanoes and why. We will be looking at Earthquakes and the different fault lines. We will also be looking at a frequent Earthquake zone, and what happens in a state of emergency.

This term, we will begin by looking at leaflets. We will be creating our own tourist board leaflets in response to a letter from a fictional traveller. We will be using the information that we have gathered in Geography about earthquakes and volcanoes to inform travellers about the holidays on offer.

We will then move onto studying different types of poetry. We will read poems that have been written with 'Extreme Earth' themes. We will write and perform our own poems.

During guided reading this term, the children will be keeping their own log about the book that they are currently reading. They should be enjoying this book both in school and at home. They will be challenged to read books from a range of genre this term (e.g. myths and legends, mysteries, adventure) and spend time talking to their peers about the themes of the book, using the skill of summarising.

During GPS lessons, we will be focussing upon the use of suffixes. sub / inter / super anti aion sure / ture ous ion / ian

We will also continue working in pairs with dictation exercises. These will include all of the grammar and punctuation skills that we have covered this academic year.

We will continue to develop joined handwriting skills, challenging the children to move onto writing in pen when they are assessed as ready to do so.

In French, we will be learning/recapping on saying our numbers and understanding how knowing them can be useful in everyday life. We will practise our numbers by playing games such as bingo and singing songs. We will be also learning the vocabulary for colours. We will be learning to sing songs about colour and practising the vocabulary through playground games. Finally, we will be learning about the French words for pets. We will learn how to ask and respond to questions about pets.

As artists, we will be experimenting with a range of mediums in order to create explosive art. Our main focus will be on the eruption of a volcano and how we can capture that explosivity in our own work. We will be having a 'messy' Art Day where we will be identifying how throwing paint can give an explosive effect. After experimenting, we will be using our ideas to create a final volcanic piece.

In music, we will continue with our lessons with Mr Probert in brass instruments, preparing for our end of term concert.

In RE, we will be looking at how belonging to a faith community can sometimes influence how we support others in a time that is most needed. We will be looking at how religious run charities support charities in need after a natural disaster, such as an Earthquake. We will be looking at the similarities and differences between the Red Cross and the Red Crescent. We will also be looking at Ramadan and it's link to charity.

In PSED, we will be preparing for our residential trip to Hill End Outdoor centre by considering how we feel about staying away from home. We will be thinking about taking responsibility for ourselves whilst we are away. We will talk about tasks that we can do for ourselves whilst staying away from home but knowing when to ask for help. Before we leave, we will play some team-building games to help us understand that we don't have to tackle new situations by ourselves. On our return, we will reflect on the positive things that happened, things that we learnt and achieved for ourselves and as part of a team. This will help us to recognise our worth as individuals.

**Week 1**  
Addition and subtraction  
Inverse operations to solve missing number problems and to check answers.  
Adding and subtracting amounts of money to give change.  
One and two step addition and subtraction worded problems

**Week 2**  
Continuing with addition and subtraction  
Beginning work on multiplication and division  
Equivalent fractions ( $2/4 = 1/2$ )  
Decimals - understanding tenths and hundredths, rounding decimals, comparing decimals, decimal equivalents to fractions, solving problems.

**Week 3**  
Continuing work on fractions and decimals  
Beginning work on multiplication and division  
Formal layout for multiplication and division, mental calculations, using the inverse operation to check answers and solve missing number problems, the distributive law.

**Week 4**  
Continuing work on multiplication and division

**Week 5**  
Measurements  
Taking and recording measurements (length, mass, volume and capacity)  
Conversion of length, mass, volume and capacity, time  
Adding and subtracting measurements  
Area

**Weeks 6 and 7**  
Statistics  
Venn diagrams and Carroll diagrams - interpreting data  
Continuous and discrete data including time graphs

**ON THE BOIL** (areas of Maths to recap and revise - 10 minutes daily)  
Fractions of discrete objects  
Comparing and ordering fractions  
Addition and subtraction of fractions  
Factor Pairs  
Time Facts e.g months in a year, leap years, decades etc  
Interpreting data (bar charts, block graphs, pictograms)  
Perimeter  
Time

In Computing, we will be gathering data about Volcanoes from all around the world. We will be inputting the data found into a database. This database will be useful for people who would like to compare data from each Volcano.

Our PE lessons this term will be rounders and athletics. In athletics, we will be running, jumping and throwing. We will keep a record of our personal performances and learn how to apply technique to make improvements on our distances and times. In rounders, we will also learn how to develop our throwing and catching skills and how to apply tactics in a team game situation.

### OUTDOOR LEARNING

Our messy Art Day will be taking place outside where we will have fun throwing paints, experimenting with pastels, looking at charcoal and melting wax crayons. All for explosive Art!

### MATHEMATICS AND COMPUTING

#### Number - addition and subtraction LKS2

- **m126** estimate and use inverse operations to check answers to a calculation
- **m127** solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

#### Number - multiplication and division LKS2

- **m131** multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- **m132** solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

#### Number - fractions (including decimals) LKS2

- **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
- **m137** recognise and write decimal equivalents of any number of tenths or hundredths
- **m138** recognise and write decimal equivalents to  $1/4$ ,  $1/2$ ,  $3/4$
- **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 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 places.

#### Measurement LKS2

- **m143** Convert between different units of measure [for example, kilometre to metre; hour to minute]
- **m145** find the area of rectilinear shapes by counting squares
- **m146** estimate, compare and calculate different measures, including money in pounds and pence
- **m148** solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

#### Statistics LKS2

- **m156** interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- **m157** solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

#### LKS2

- **co24** I can use search technologies effectively
- **co25** I am aware that information from some sources may not be accurate
- **co26** I understand that some sources are biased
- **co27** I can use a variety of digital devices (including the internet) to create programs to collect, analyse and evaluate data
- **co28** I can use a variety of software to present data and information (including combining images and text, multi-media presentations and data-bases)

### COMMUNICATION AND LANGUAGE

#### LKS2

- **fl1** I can understand what is being said to me and respond correctly
- **fl2** I can sing songs and say poems in another language and know what the words mean
- **fl3** I can have a conversation including asking and answering questions
- **fl4** I can speak in grammatically correct sentences
- **fl5** I can pronounce words correctly so that I am understood
- **fl11** I can speak and write about everyday life
- **fl12.2** I know the correct order of words in a sentence and that the order may differ from English

- **sl13** listen and respond appropriately to adults and their peers
- **sl14** ask relevant questions to extend their understanding and knowledge
- **sl18** maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- **sl21** participate in discussions, presentations, performances, role play, improvisations and debates
- **sl22** gain, maintain and monitor the interest of the listener(s)
- **sl23** consider and evaluate different viewpoints, attending to and building on the contributions of others

### PHYSICAL EDUCATION

#### LKS2

- **pe4** I can tell you how I have developed my athletic skills, and which is strongest and which athletics events I prefer
- **pe4.1** I can explain how developing my skills separately has improved my performance in team games
- **pe5** I can play competitive net, striking, fielding and invasion games
- **pe5.1** I can describe both attacking and defending tactics and strategies and begin to apply them

- **pe6** I can identify the techniques I need to practice to improve my strength and performance in athletic activities
- **pe9** I can show you my record of sporting performances
- **pe9.1** I can show you how I have improved in different activities over time
- **pe9.2** I can tell you my personal best in a particular activity and my aspirations for the future

### LITERACY

#### Reading - comprehension LKS2

- **e137** develop positive attitudes to reading and understanding of what they read by:
- **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, and retelling some of these orally
- **e142** identifying themes and characters in a wide

#### Writing - composition LKS2

- **e163** plan their writing by:
- **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
- **e166** draft and write by:
- **e167** composing and rehearsing sentences orally (including dialogue) and rehearsing a longer piece