



Half Termly Overview

Year 4 Spring 1 2019

Dear Parents/Carers,

This half term we have some exciting activities linked to our Science topic all about volcanoes, rocks and natural disasters.

What makes the earth angry?

Science

We will be exploring and discussing the different layers of the earth all the way from the Earth's surface to the deepest core. We will therefore look at all the different types of rocks and soils that are found and we will visit a coal mining museum. Further to this, we will research how volcanoes are formed and what happens when they erupt using words such as 'magma' and 'chamber'. We will also be locating famous and well known volcanoes and distinguishing between extinct, dormant and active volcanoes. In addition to this, we will explore the causes of earthquakes and tsunamis and how they affect people's lives.

What is under our feet?

What is a volcano?

What causes an earthquake and how are they measured?

What is a tsunami and how are they caused?

What is a fossil?

Art / D&T

- We will make a model volcano
 - We will sketch fossils
- We will make realistic fossils

How are volcanoes formed?

English / Maths

- We will write an explanation about how the earth is formed.
- We will write a newspaper report about an erupting volcano/tsunami.
- We will write a diary entry about surviving a volcano eruption.
 - We will write a descriptive poem about a volcano.

Music

- To recognise instruments by knowing their names and what families they belong to
- To understand the orchestra and the role of the conductor
- To develop a further understanding of pitch and pulse

Computing

- To use logical reasoning to write simple algorithms explaining the sequence commands should run in.
- To write code that includes conditional events (e.g. execute commands when objects hit).
- To design and share an app.
- To test and debug any errors in programs.

Languages

- To use vocabulary related to my family.
- To describe the appearance of one of my family members
- To revisit the concept of gendered nouns.
- To use the reflexive verb 'se llama'.

PE

- To be able to use different shots in volleyball (dig, volley, spike and serve) and use the various shots to hit the ball to a partner using one bounce if required.
- To be able to learn and understand the rules of dodgeball. Also, being able to throw, catch and dodge the ball.

English

Speaking and Listening

- I can speak meaningfully and pay attention to the listener.
- I can take a responsible role in a pair or a group.

Reading & Comprehension

- I can perform plays and poems using actions and expression.
- I can identify themes and conventions in a wide range of books.
- I can put together clues from action, dialogue and description to infer meaning.

Phonics & Spelling

- Homophones: words that sound the same but have different spellings.

Handwriting

- I can join nearly all of my letters. Using the diagonal and horizontal strokes.

Composition

- I can vary the structure of my clauses by using fronted adverbials.
- I can use paragraphs for time, place, topic, person and dramatic effect.
- I can use subordinating conjunctions: after, although, as, when...
- **Vocabulary, Grammar and Punctuation**
- I can use apostrophes for singular and plural possession.
- I can use commas to demarcate fronted adverbials.

Whole Class Read

We will be reading the amazing 'Butterfly Lion' by Michael Morpurgo.

Maths

- Recall and use multiplication and division facts for multiplication tables up to 12×12 .
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.
- Recognise and use factor pairs and commutativity in mental calculations.
- Multiply two digit and three digit numbers by a one digit number using formal written layout.
- 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.
- Find the area of rectilinear shapes by counting squares.
- Recognise and show, using diagrams, families of common equivalent fractions.
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

RE

- This half term children will be learning about Judaism. We will be asking the big question 'How special is the relationship Jews have with God?'

PSHCE

- I can recognise positive healthy relationships.
- I can recognise that my actions can affect myself and others.
- I can deepen my skills on how to deal with conflict.
- I can work collaboratively to achieve shared goals.
- I can use negotiation skills and strategies to resolve disputes.

SMSC

- The children are exploring their strengths and areas for improvement in order to help themselves to be better learners in the classroom. They are developing their ability to relate to others and work with others for the common good.

British Values

Children will be exploring their sense of belonging through their lessons this half term. They will be sharing who they are and listening to who others are. This furthers their sense of identity and equality.

How you can help at home

Reading

Please read as much as possible with your child. Just 10 minutes a day can make a huge difference. Read anything that interests your child - please don't just read their reading book. **Reading books** will be changed when necessary.

Children in Y4, can change their **Library** book on a **Tuesday** dinner time. Please make sure they bring it into school.

Spellings

There is a test each Friday and new spellings to be learnt are also given out on a Friday. Examples of tricky words and spelling patterns are available in the personal organiser.

Handwriting

Practising handwriting using the school's policy helps children develop fluent, accurate and neat handwriting. Please see the website for more information.

Maths

Mathletics tasks are set online each week to consolidate and extend learning. Your child can also practice their mental calculations against children around the world! Login details are in personal organisers.

Learning Log Activities

A range of activities are set each half term related to the learning taking place in the classroom. The tasks are set as consolidation and enrichment activities. Learning Logs are handed out at the beginning of each half term.

Number Facts

This term we are working on:

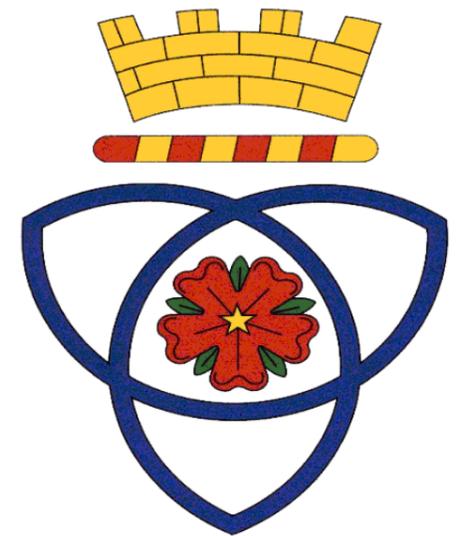
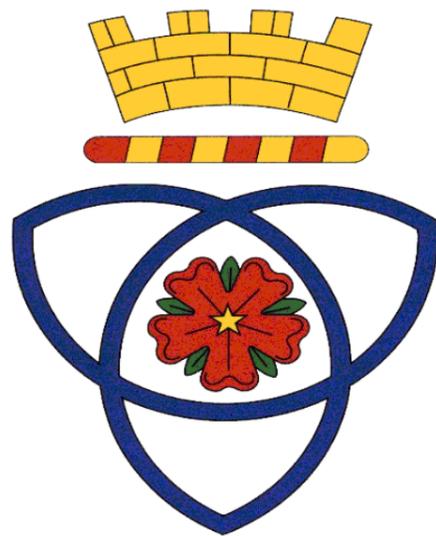
$1 \times 4 = 4$	$2 \times 4 = 8$
$3 \times 4 = 12$	$4 \times 4 = 16$
$5 \times 4 = 20$	$6 \times 4 = 24$
$7 \times 4 = 28$	$8 \times 4 = 32$
$9 \times 4 = 36$	$10 \times 4 = 40$
$11 \times 4 = 44$	$12 \times 4 = 48$

Please practise these at home as much as possible.

Travelling Bears

Going away somewhere special? Pick up one of the seven travelling bears and take it on holiday. Share with us where you've been and help improve the geographical knowledge of children at the school.

Children choose a minimum of 5 activities to complete over the term. The learning log is to be returned to school on the final week of the term. However, teachers may ask children to bring them in at regular intervals to check progress children are making.



Reminders

Absence

Please contact the school as soon as possible to report an absence of any reason.

School Uniform

Please ensure your child wears the correct uniform every day. Children must wear 'plain black' shoes or trainers with no other colours on them.

PE Kit

PE kit consists of a plain white T-Shirt (with or without the school logo); Navy/Black Shorts; Dark coloured tracksuit (outdoor); Suitable footwear – pumps (indoor) /trainers (outdoor). PE kits should be stored in an appropriate bag (Such as a drawstring bag) that can be hung up in the cloakroom area. PE kit must be available every day because the day(s) your child has PE may change each week. Please keep PE kit in school and only wash at the end of each half term.

Dinners

Now cost £2.15 per day for KS2 pupils or £10.75 per week.

Online Payments

Payments for dinners, trips and other activities can be made online using the School Gateway. If you have any problems, please contact the office.

Water Bottles

School water bottles are available for £1 from the school office. No other water bottle is allowed.

Equipment

All equipment is provided by school. Please don't send pens, pencils, pencil cases...etc.

Extra-Curricular Clubs

All after school clubs finish at 4pm. Please let us know if your child doesn't want to continue as we usually have long waiting lists.

Emails

Remember to check your emails, we like to send plenty!