

Theme: Tales from Dragon Mountain

Enquiry Question: Why do people live on volcanoes and mountains?

Maths- Based on White Rose Maths

Number: Multiplication and Division B- understand how to multiply and divide by 10 and 100, how to multiply three numbers, how to divide a 3-digit number by a 1-digit number with an exchange and remainders.

Factor pairs, multiply, divide, efficient, scaling, remainders, exchange.

Measurement: Length and Perimeter- know how to measure in kilometres, meters, centimetres and millimetres, add and subtract lengths and calculate the perimeter of rectilinear shapes and polygons.

Measure, distance, metre, centimetre, millimetre, length, shorter, longer, less than, greater than, shortest, longest, equivalent, measurement, further, perimeter.

Number: Fractions- understand fractions, compare and order fractions, partition a mixed number and understand improper fractions. Then add and subtract fractions including mixed number and improper fractions.

Fractions, unit, non-unit, proper, improper, mixed, convert, equivalent.

Measurement: Mass and Capacity- measure mass in kilograms and grams, measure capacity and volume in litres and millilitres, compare and add amounts.

Grams, kilograms, mass, capacity, volume, compare, equivalent, add, subtract, litres, millilitres.

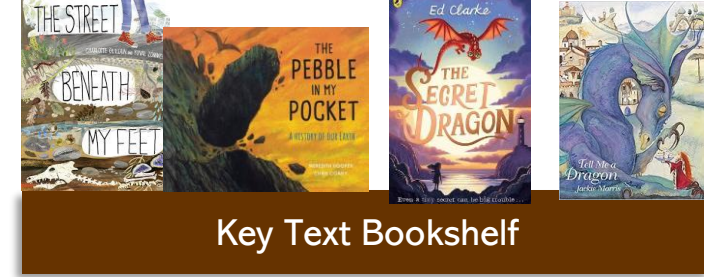
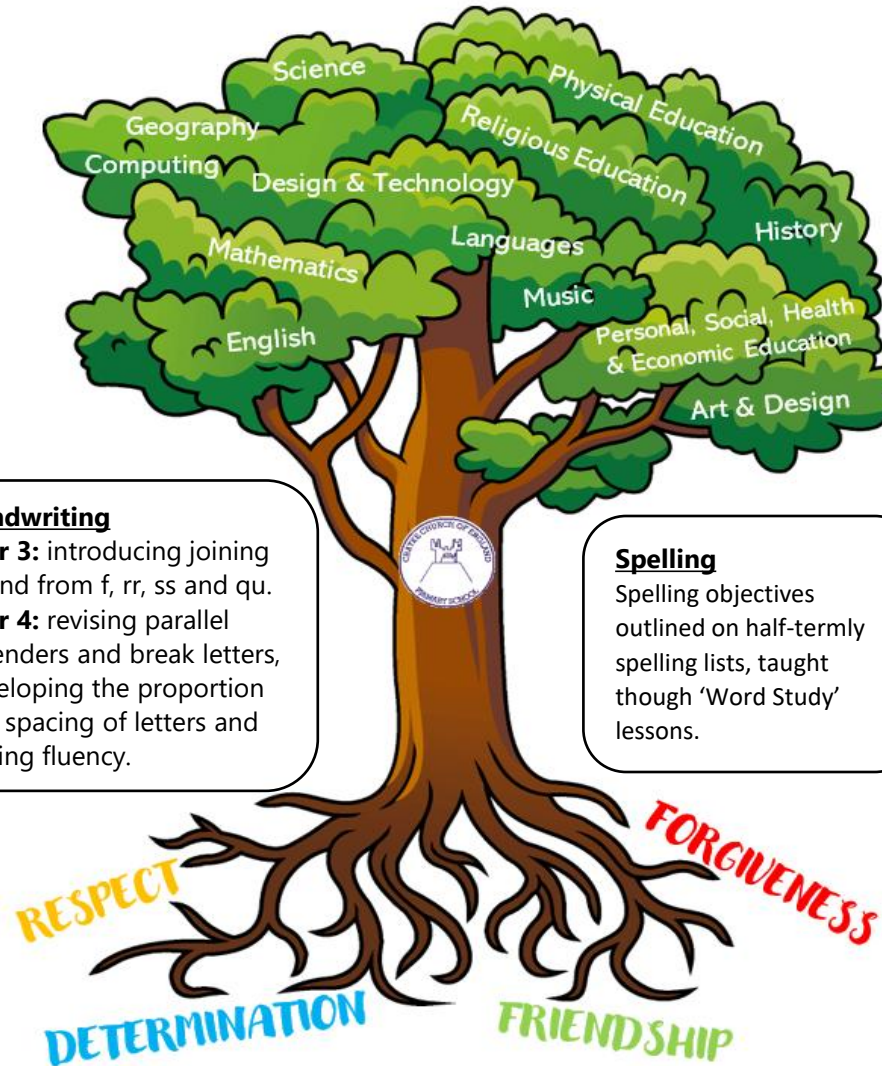
Handwriting

Year 3: introducing joining to and from f, rr, ss and qu.

Year 4: revising parallel ascenders and break letters, developing the proportion and spacing of letters and writing fluency.

Spelling

Spelling objectives outlined on half-termly spelling lists, taught through 'Word Study' lessons.



Key Text Bookshelf

English

Reading

Daily reading of the class book to encourage reading for pleasure. Children will have the opportunity to make predictions about the book and discuss words and phrases that capture the readers imagination.

Children will take part in small fluency groups reading a chapter of a high-quality Little Wandle book every week. The sessions have a focus on fluency, understanding and inference.

Children will begin to develop their reading using the Crayke 6 Ps of prosody- passion, pace, pitch, power, pause, punctuation.

Writing

Non-Chronological report (JC Unit)- Explanation on Rocks and Soils

Newspaper- linked to volcanic eruptions.

Punctuation and Grammar

Fronted adverbials, headings, sub-headings, paragraphs, expanded noun phrase, subordinate clause, pronoun, proper noun, conjunctions, prepositions.

Punctuation- commas after fronted adverbials and lists, dashes and colons to replace conjunctions inverted commas for direct speech and possessive apostrophes in plural form.

Speaking and Listening Skills

Taught and rehearsed across the curriculum.

History

Analyse sources of evidence with the focus on British Palaeontologist Mary Anning.

[Fossils](#), [Jurassic](#), [Lyme Regis](#), [extinction](#), [dinosaur](#).

Art

Drawing – sketching dragons and exploring pencil techniques including tone and texture to create a dragon's eye. [Sketch](#), [tone](#), [texture](#), [cross hatch](#), [shade](#), [blend](#), [stippling](#), [scumbling](#).

Painting- Painting dragons using watercolours inspired by the artist Jackie Morris. [Primary](#), [secondary](#), [colour](#), [shade](#), [tint](#), [watercolour](#), [wash](#).

Sculpture- sculpting dragon eyes by experimenting, moulding and exploring techniques in clay.

[Texture](#), [material](#), [ceramics](#), [malleable](#), [sculpture](#).

PSHE

Computer Safety: Online bullying- understand how your online activity can affect others, identify the positives and negatives of using technology, know who and how to ask for help and recognise unkind comments.

[Technology](#), [online](#), [digital](#), [bullying](#), [kind](#), [unkind](#).

Being responsible: Coming home on time- Recognise the importance of behaving in a responsible manner in a range of situations, describe when time is important, explain the importance of having rules at home and describe ways that behaviour can be responsible.

[Time](#), [late](#), [home](#), [appointments](#), [sensible](#).

Keeping/staying healthy: Healthy Living- explain what is meant by a balanced diet and plan a balanced meal, recognise how too much sugar, salt and saturated fat in our food and drink can affect us now and when we are older and describe different ways to maintain a healthy lifestyle.

[Healthy](#), [diet](#), [sugar](#), [salt](#), [saturated fat](#), [unsaturated fat](#), [snacked](#), [packaging](#), [intake](#).

Religious Education

L2.8 What does it mean to be a Hindu in Britain today? (Systematic-Hindus) Describe how Hindus show their faith within their families and faith communities in Britain today.

[Dharma](#), [puja](#), [Diwali](#), [community](#), [bhajans](#).

L2.5 Why are festivals important to religious communities? (thematic-Hindus and Jewish people) Understand the stories behind Diwali and Pesach and why the festivals are important to Hindus and Jewish people. [Celebration](#), [Diwali](#), [Pesach](#), [Passover](#), [Pharaoh](#), [Seder plate](#), [Rama](#) and [Sita](#).

Science

Rocks- Identify different types of rocks, understand how fossils are formed and know what soil is made from. [Igneous](#), [metamorphic](#), [sedimentary](#), [anthropic](#), [permeable](#), [impermeable](#), [chemical](#), [body](#), [trace](#), [cast](#), [mould](#), [replacement](#), [extinct](#), [organic matter](#), [topsoil](#), [subsoil](#), [base](#).

Forces and magnets- Compare how things move on different surfaces, know how a simple pulley works, notice that some forces need contact, but magnetic forces act at a distance, explore different magnet strength, object mass, distance from object. [Push](#), [pull](#), [friction](#), [surface](#), [magnet](#), [magnetic](#), [magnetic field](#), [pole](#), [north](#), [south](#), [attract](#), [repel](#), [compass](#).

Computing

Information Technology: Writing for different audiences [Campaign](#), [format](#), [font](#), [genre](#), [opinion](#), [reporter](#), [viewpoint](#).

Computer Science- logo designing.

[Debugging](#), [grid](#), [logo](#), [pen down](#), [multi line mode](#), [LOGO commands](#), [pen up](#), [prediction](#), [procedure](#).

Information Technology: create an animation.

[Animation](#), [onion skinning](#), [frames per second](#), [frame](#), [pause](#), [stop motion](#).

Music

Ensemble skills- Call and response. [Melody](#), [ensemble](#), [performance](#), [instrumental](#).

Composition skills- Pitch, rhythm and structure. [Pulse](#), [composing](#), [improvising](#).

Geography

Understand how the earth is constructed including understanding of tectonic plates and their boundaries. Looking at how mountains are formed, explaining the formation and types of volcanoes and the cause of earthquakes. Mapping the global distribution of mountains, volcanoes and earthquakes and consider the effects of living in a volcanic environment and the ways in which humans have responded to earthquakes. [Tectonic plates](#), [continents](#), [countries](#), [mountains](#), [mountain ranges](#), [volcanoes](#), [eruption](#), [earthquakes](#).

Spanish

Fruits- la fruta- to name and recognise up to 10 fruits in Spanish, attempt to spell some of these nouns, and ask what fruits they like and dislike. [Las manzanas](#), [las fresas](#), [los melocotones](#), [los platanos](#), [las ciruelas](#), [las peras](#), [los kiwis](#), [los albaricoques](#), [Me gustan](#), [No me gustan](#).

I know how- Recognise, recall and spell 10 action verbs in Spanish, use these verbs with se and no se, attempt to combine sentences using 'y' (and) and 'pero' (but). [Bailar](#), [cantar](#), [saltar](#), [cocinar](#), [montar en Bicicleta](#), [tocar un instrumento](#), [patinar](#), [dibujar](#), [nadar](#), [hablar](#).

DT

Electrical systems: Torches- produce a functioning torch using previous science knowledge of circuits. [Battery](#), [bulb](#), [conductor](#), [design criteria](#), [electricity](#), [insulator](#), [series circuit](#), [switch](#), [test](#), [torch](#), [wire](#).

Mechanical systems: Slingshot Car- Apply science learning of forces to build a functioning slingshot car. [Prototype](#), [mechanism](#), [machine](#), [mechanical system](#), [slingshot](#), [forwards](#), [rubber band](#), [axle](#), [axle bearing](#), [wheel](#), [tubing](#).

PE

Swimming- 7 sessions at Thirsk pool to teach children water safety and swim various strokes confidently. [Lanes](#), [safety](#), [self-rescue](#), [lockers](#), [steps](#), [lifeguard](#), [front crawl](#), [backstroke](#), [breaststroke](#).

Dance- Perform dance based on wild animals by choreographing their own movements. [Interpret](#), [control](#), [expression](#), [creativity](#).

Gymnastics- Understand bridge balances and perform sequences in unison and canon. [Balance](#), [extension](#), [control](#).