

Crayke Church of England Primary School

Curriculum Learning Tree

Holly Class Spring Term 2023 Year A



Key Text Bookshelf

Theme: The Inventing Room

Enquiry Question: How did the invention of chocolate change York?

Maths: (Using White Rose Maths)

Year 3

Number: Multiplication and Division (methods)

Multiply, multiplication, divide, greater than, less than, partition, share, division, related calculations, facts, equally, tens, ones, method, times as,

Measurement: Length and Perimeter

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

Number: Fractions (unit, non-unit and equivalent fractions)

Shape, bar models, shaded, equal parts, compare, greater, whole, numerator, denominator, greater than, less than, equal to, order, smallest, greatest, intervals

Measurement: Mass and Capacity

Greatest, greater, mass, grams, kilograms, balance, scale, heavier, lighter, millilitres, litres, capacity, volume, intervals, measuring cylinder

Year 4

Number: Multiplication and Division (factor pairs and methods)

greater, array, factor pair, multiples, multiply, times, tenth, divide, share, method, product, portioning, remainder, divisible, combination.

Measurement: Length and Perimeter

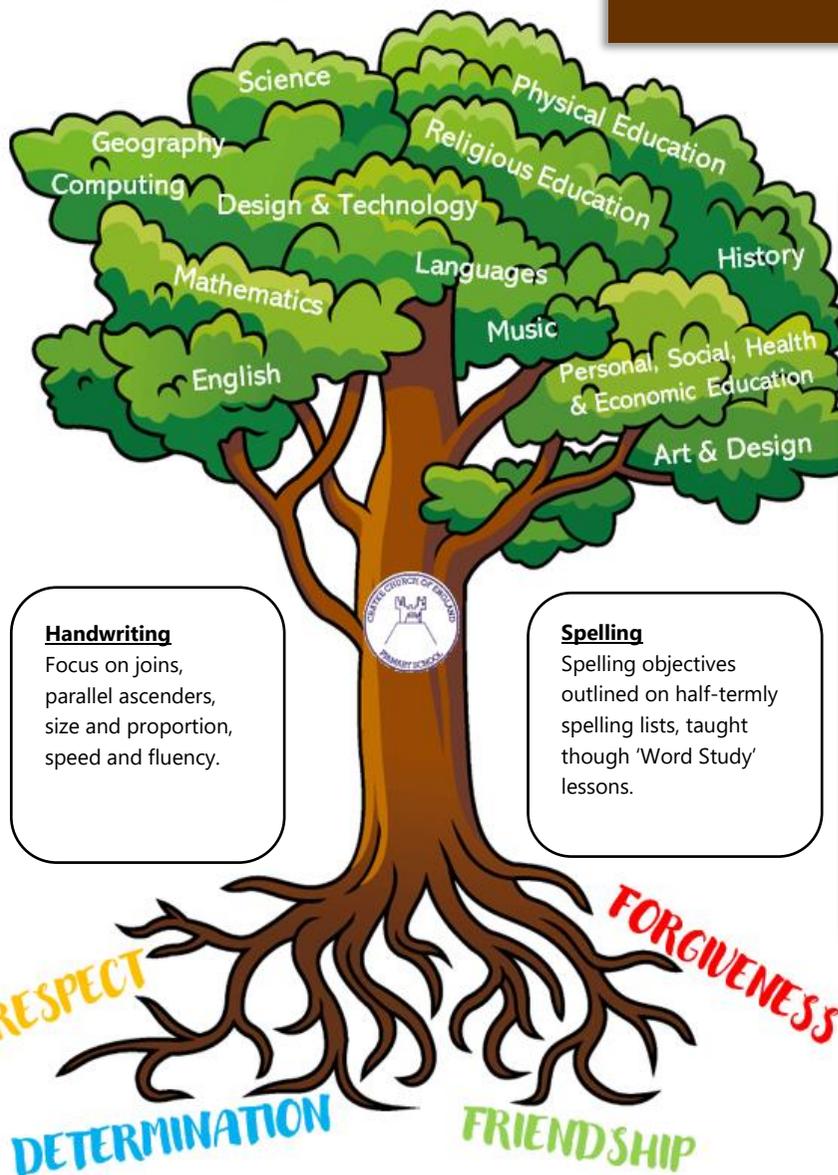
Unit, measure, length, kilometres, metre, distance, perimeter, rectangle, width, centimetre, dimensions, side, rectilinear,

Number: Fractions (mixed numbers, improper fractions, equivalent fractions, add and subtract fractions)

Part, whole, equal parts, fractions, mixed numbers, improper fractions, equivalent fractions, total, sum, denominator, numerator,

Number: Decimals (tenths and hundredths)

Shaded, parts, decimal, tens, ones, tenth, estimate, hundredths, partitioned, divide



English

Reading

Charlie and the Chocolate Factory –

A focus on:

Checking that the book makes sense, discussing their understanding and exploring the meaning of words in context.

Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.

Identify main ideas drawn from more than 1 paragraph and summarise these.

Identify how language, structure and presentation contribute to meaning

Discuss words and phrases that capture the readers imagination.

Writing

Narrative – The Iron Man

Biography – based around inventors

Instructions – based around Science and DT (electrical games)

Punctuation and Grammar

Noun, pronoun, present perfect verb, adjective, connectives/conjunctions: when, so, before, after, while, because; past and present tense, adverbs – then, next, soon. Fronted adverbial, preposition, noun phrases,

Possessive apostrophe, inverted comma, comma

Speaking and Listening

Skills taught and rehearsed across the curriculum

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Science

Electricity - • Identify common appliances that run on electricity, Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers, Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers, Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery, Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit, Recognise some common conductors and insulators, and associate metals with being good conductors. [Electricity, appliance, battery, circuit, component, insulator, conductor ,mains.](#)

Sound - Identify how sounds are made, associating some of them with something vibrating, Recognise that vibrations from sounds travel through a medium to the ear.

[Vibration, sound wave, volume, amplitude, pitch, ear, particles, distance, soundproof, absorb, vacuum, eardrum](#)

Religious Education (Using 'Understanding Christianity' and North Yorkshire Syllabus)

L2.8 What does it mean to be a Hindu in Britain today? (NY)
Hindu, faith, Hinduism, belief, puja, mandir, murtis, shrine, deities, sacred text, Bhagavad Gita, ritual, OM, dharma, artha, kama, moksha, reincarnation, karma.

Why do Christians Call the day Jesus died 'Good Friday'? (UC)
Holy week, death, resurrection, disciples, Palm Sunday, Good Friday, Easter Sunday, cross, crucifix

History

Build an overview of world history – Describe the changes that have happened in the locality of the school throughout history.

Local history study – New Earswick: link to York's chocolate heritage.

[Charitable trust, conflict, injustice, poverty, Quaker, memorial, confectionary, produce, factory,](#)

[Inventors that have shaped Great Britain](#)

Joseph Rowntree, Joseph Terry, Alexander Graham Bell, Thomas Edison.

[Quaker, philanthropist, businessman, social reform, confectioner, industrialist, politician, mayor, town sheriff, inventor, scientist, engineer.](#)

Computing (Using Purple Mash)

[Touch typing](#)

[Keys, posture, spacebar, typing](#)

[Email](#)

[Address book, attachment, BBC, CC,inbox, link, password](#)

[Branching databases \(begin, continue in Summer\)](#)

[Binary tree, data, database, debugingq.](#)

Music - (Using Charanga)

'**Stop**' – a song/rap about bullying

[Musical style, rapping, lyrics, choreography, digital/electronic sounds, turntables, synthesisers, drums, unison, pulse, rhythm, pitch, tempo, dynamics, texture structure, compose, improvise, hook, riff, melody, solo](#)

'**Lean on Me**' – a sould/gospel song

[Unison, by ear, notation, improvise, melody, pitch, rhythm, pulse, composition, backing vocal, piano, bass, drums, organ, pulse, rhythm, tempo, dynamics, texture structure, compose, improvise, hook, riff, melody, solo](#)

Geography

Investigate places – use fieldwork to observe and record physical features in a local area, identify human and physical characteristics of geographical regions, and understand how aspects have changed over time.

Investigate patterns – describe how the near locality of the school has changed over time.

Communicate geographically – describe key aspects of human geography including settlements and land use.

[Map, legend, key, ordnance survey, human and physical geography, region, locality, settlement, land use, New Earswick, facility,](#)

PSHE – (Using 1Decision)

Feelings and Emotions: Grief – [grief, confusion, memory box](#)

Being Responsible: Stealing - [borrowing, stealing, consequence, irresponsible, responsible](#)

Staying Healthy: Medicine – [medicine, allergies, vaccination, anti-biotics, research, immune system, doctor.](#)

Languages - French (Using Kapow)

Playground games – [un, deux, trois, quatre, cinq, six, sept, huit, neuf, dix, onze, douze.](#)

Numbers and age [see above.](#)

In a French classroom – [un crayon, un taille-crayon, un sac, un cahier, un stylo, des ciseaux, une gomme, une règle, une trousse,](#)

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DT

Electrical board games

Materials - Cut materials accurately and safely by selecting appropriate tools, apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs), Select appropriate joining techniques.

Parts, function, tools, cut, slot, join, product.

Electricals and electronics – create series and parallel circuits.

Components, parallel, series, circuit, bulb, buzzer, switch.

Construction – choose suitable techniques to construct products or to repair items.

Parts, function, tools, cut, slot, join, product.

Take inspiration from design throughout history

Identify some of the great designers in all of the areas of study to generate ideas for designs.

Thomas Edison, Zaha Hadid

P.E.

Swimming – lanes, lockers, steps, lifeguard, front crawl, backstroke, breaststroke

Outdoor and adventurous activities – orienteering, map symbols, control point, teamwork, communication, trail, map, Invasion towards Football – attacking, defending, dribbling, marking, passing, possession, tackling, teamwork.

Net/wall games towards Volleyball – ace, sideout, roof, stuff, dig, kill, set shot, dig shot, spike shot, underarm serve, overarm serve.

Art

Artist – Joanne Tinker

Designer – William Morris

Linked to York's chocolate heritage:

Painting – use brushes to produce, shape, texture, pattern and line, mix colours effectively
thick, thin, shape, brush techniques, texture, pattern, line, mood

Print – use layers of 2 or more colours, replicate patterns, make printing blocks, make precise repeating patterns.

environment, repeating, pattern layers, replicate, observed, natural/ built, printing blocks, precise, arts and craft movement, motif, relief printing,

Collage – select and arrange materials for striking effect, ensure work is precise, use overlapping and montage

Key vocabulary is denoted in blue