

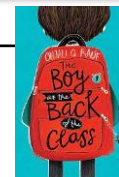
Crayke Church of England Primary School

Curriculum Learning Tree

Class Autumn Term 2023 Year B



Key Text Bookshelf



Theme: Our Blue Planet
Enquiry Question: How can we care for our Blue Planet?

Maths: Following White Rose Maths

Year 3

Number: Place value

Represent, partition, numberline, ones, tens, hundreds, greater than, less than, order, more, less, digit

Number: Addition and Subtraction

Add, sum, total, plus, more, altogether, difference, subtract, less, minus, take away, column addition, column subtraction, exchange, estimate, inverse.

Number: Multiplication and division

Times tables, sharing, grouping, equal groups, multiple, multiply by, divide by, array, fact families, regrouping.

Year 4

Number: Place value

Ones, tens, hundreds, thousands, zero, greater than, less than, order, round, negative number, partition, digit, Roman numeral.

Number: Addition and Subtraction

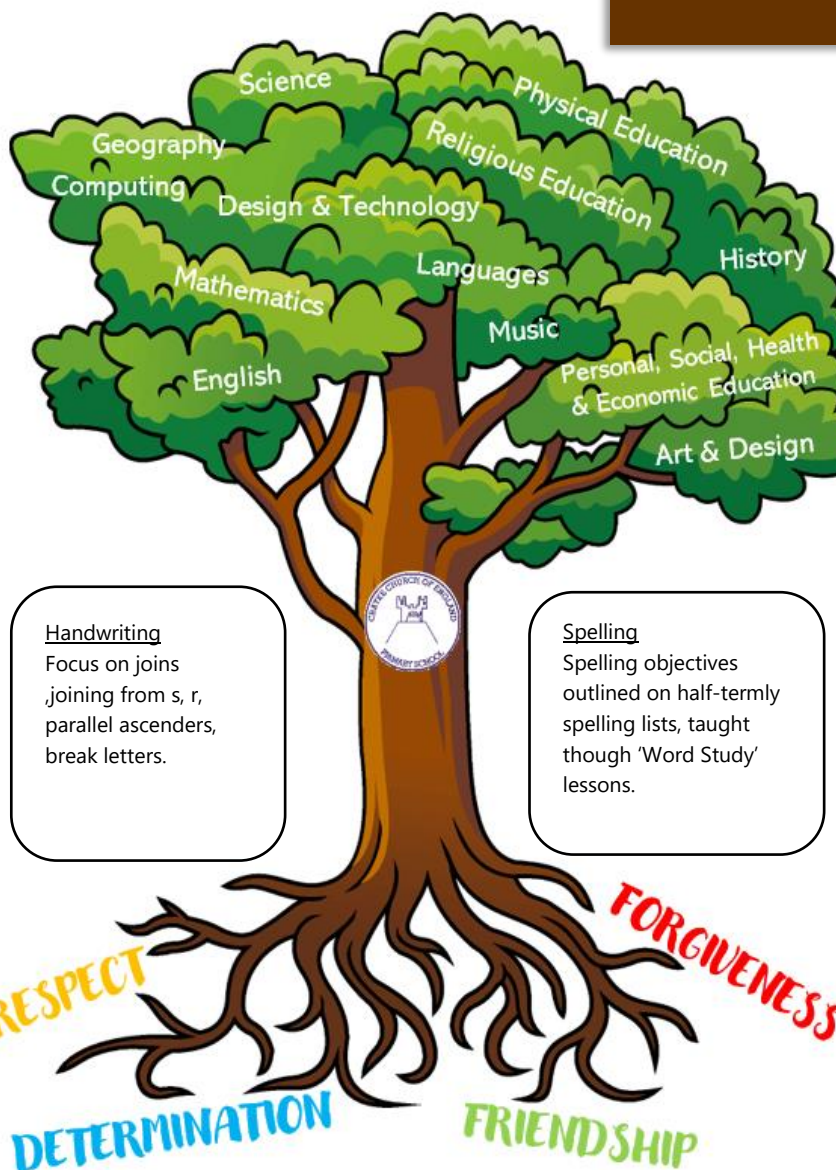
Add, sum, total, plus, more, altogether, difference, subtract, less, minus, take away, column addition, column subtraction, exchange, estimate, inverse, mentally, orally.

Measurement: Area

Area, perimeter, centimetres, metres, squares, distance, millimetres, squares, distance, kilometres, length, width, rectilinear, right angle.

Number: Multiplication and division

Multiply, groups of, lots of, times, divide, share, remainder, factor, multiple, product.



English

Reading

The Boy at the Back of the Class –
A focus on:

Listen to and discuss a wide range of fiction, poetry, plays and non-fiction.

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

Predict what might happen from details stated and implied.

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

Ask questions to improve their understanding of the text.

Discuss words and phrases which capture the reader's interest and imagination.

Writing

Narrative – The Whale

Poetry – water and environment based

Persuasion (letters) – persuading local businesses to adopt more environmentally friendly practices.

Punctuation and Grammar

Expanded noun phrase, rhetorical question, relative clause, complex sentence, powerful verbs, synonyms, fronted adverbials, personification, inverted commas, simile, alliteration, metaphor, dialogue, adjectives, dashes

Speaking and Listening

Skills taught and rehearsed across the curriculum

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Science:

States of matter – * The differences between solids, liquids and gases, classifying objects and identifying their properties. * Work scientifically and collaboratively to investigate the weight of a gas. * Find the ideal temperature to melt chocolate. * Explore in-depth how water changes state, exploring melting, freezing, condensing as well as a particular focus on evaporation. * The stages of the water cycle.

States of matter, solid, liquid, gases, water vapour, melt, freeze, evaporate, condense, precipitation

Living things and their habitat – * Explore a variety of ways to identify, sort, group and classify living things. * How animals are split into 'vertebrates' and 'invertebrates' and begin to consider the differences between living things within these classifications. * Use and create classification keys to group, identify and name living things from the local habitat and beyond. * The idea that environments are subject to human-made and natural changes, and that these changes can have a significant impact on living things. * Work scientifically by gathering, recording and presenting information in different ways.

Organisms, life processes, respiration, sensitivity, reproduction, excretion, nutrition, habitat, environment, endangered species, extinct, classification, vertebrates, invertebrates. specimen, characteristics.

Religious Education

L2.1 What do different people believe about God? (NY)

Belief, God, Christian, Hindu, Muslim, sacred texts, faith, trust, Trinity (Father, Son and Holy Spirit), Allah, 99 names of Allah, Qu'ran, Prohet Muhammed, gods and goddesses, Trimurti, Brahma (creator), Vishnu (preserver) Shiva (destroyer)

L2.2 What is it like for someone to follow God? (UC)

Noah, Genesis, covenant, promises, wedding ceremony, Old Testament, children of Israel, people of God, commands,

L2.3 What is the Trinity/incarnation? (UC)

Gospel, baptism, Trinity, belief, prayer, Father, Son and Holy Spirit, creates

Geography

*Introduce children to the water cycle.

* Explore the processes of evaporation and condensation through a range of practical activities.

* Consider water as a finite resource, be introduced to the ideas of conservation and consider some of the issues surrounding supplying clean drinking water to a growing global population.

Dam, fertiliser, particles, pesticides, pollution, reservoir, water vapour, flooding: fluvial, pluvial, coastal, plumbing, changing state: evaporation, condensation, melting, freezing.

PSHE - One decision

Keeping/staying safe: Road safety – community, discuss, choice, pedestrian, zebra crossing, pelican crossing, puffin crossing, toucan crossing, avoid, situation, risk, safe, imaginary.

Feelings and emotions: Jealousy – recognising, loneliness, frustration, experience, jealousy.

Music – Charanga

'Let your Spirit Fly' – an R&B song for children

Structure, introduction, verse, chorus, improvise, compose, pulse, rhythm, pitch, tempo, dynamics bass, drums, guitar, keyboard, synthesizer, hook, melody

'Glockenspiel Stage 1' – learning about the language of music through playing the glockenspiel.

Improvise, compose, pulse, rhythm, pitch, tempo, dynamics, texture structure, melody

Computing

Coding

Action, alert, algorithm, background, bug, button, click event, code, collision detection event, command, debug/debugging, event, flowchart, implement, input, interval, nesting, object, predict, properties, repeat, run, sequence, scene, turtle object, test, timer

Online safety

Appropriate, blog, inappropriate, password, personal information, internet, spoof, reputable source, permission, reliable source, verify, vlog, website.

Spreadsheets

Advance mode, bar graph, equals, data, cell address, rows, less than, columns, pie chart, quiz tool, spin tool, spreadsheet, table.

Languages (Spanish) Language Angels

I am learning Spanish

To locate Spain, Madrid and a few key cities on a map. • Say our name, how we are feeling, learn up to 10 colours and count from 1-10 in Spanish.

iHola!, iAdios, iHasta, iBuenos dias!, luego, me llamo, estoy bien, estoy mal, mas o menos.

Uno, dos, tres, cuatro, cinc, oseis, siete, ocho, nueve, diez Azul, marron, rojo, negro, gris, morado, Amarillo, naraya, blanco, verde.

Animals

Recognise, recall, and spell up to 10 animals in Spanish with their correct indefinite article/determiner. •

Understand better that articles/determiners have more options in Spanish than they do in English. • Use and become more familiar with the high-frequency 1st person conjugated verb 'soy' (I am), from the infinitive verb 'ser' (to be).

un caballo, un ratón, un cerdo, un león, un conejo, un ..

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DT

Structure: Pavillions

Produce a range of free-standing frame structures of different shapes and sizes. Design a pavilion that is strong, stable and aesthetically pleasing.

Select appropriate materials and construction techniques to create a stable, free-standing frame structure. Select appropriate materials and techniques to add cladding to their pavilion.

[Aesthetic](#), [cladding](#), [design criteria](#), [evaluation](#), [frame structure](#), [function](#), [inspiration](#), [pavilion](#), [reinforce](#), [stable](#), [structure](#), [target audience](#), [texture](#), [theme](#).

Cooking and Nutrition: Adapting a recipe

Follow a recipe, with some support. Describe some of the features of a biscuit based on taste, smell, texture and appearance. Adapt a recipe by adding extra ingredients to it. Plan a biscuit recipe within a budget.

[Adapt](#), [budget](#), [building hire](#), [equipment](#), [evaluation](#), [flavour](#), [ingredients](#), [method](#), [net](#), [packaging](#), [prototype](#), [quantity](#), [recipe](#), [target audience](#), [unit of measurement](#), [utilities](#).

P.E

Games: Invasion: Netball (Mr Shimwell)

*Introduce passing and receiving, defending. * Creating space and keeping possession. * Transition between attack and defence. * Shooting. * Attack-moving the ball up the court. * Tournament.

[Attacker](#), [defender](#), [possession](#), [chest pass](#), [footwork](#)

Dance: Weather

*Respond to stimuli to add drama *Move with expression & creativity *Create thematic motifs *Execute wider variety of movements with a partner *Extend dance skills forming longer sequences *Performance

[Expression](#), [creativity](#), [choreograph](#), [motifs](#), [sequences](#)

Gymnastics: Symmetry and Asymmetry

*Explore movements and balances in a symmetrical and asymmetrical way. * Recreate symmetrical balances on apparatus, move out of them and form a sequence. * Travel to a new piece of apparatus. * Perform and assess sequence.

[Excellent gymnastics](#), [linking](#), [flow](#), [interesting](#), [extension](#), [symmetrical](#), [asymmetrical](#),

Games: Invasion: Football (Mr Shimwell)

*Dribbling to keep control and possession of the ball. * Passing and receiving. * Creating space. * Mini games. * Tournament.

[Attacker](#), [defender](#), [space](#), [possession](#), [free kick](#), [penalty](#)

Art

Artist – Darrell Wakelam

*Explore the work of Darrell Wakelam and his techniques * Manipulate recycled materials to create original sculptures inspired by learning *Explore Colour Theory to mix and select paint colours *Use digital media to create a video of trip to Thirsk Sculpture Park

Sculpture – select and arrange recycled materials to create sea creature sculptures

[Create](#), [combine](#), [form](#), [net](#), [material](#), [texture](#), [expression](#), [movement](#), [mouldable](#), [detail](#)

Painting: Use a number of brush techniques to paint sculptures. Mix colours effectively & experiment with creating mood with colour.

[environment](#), [mix](#), [replicate](#), [effect](#), [mood](#),

Digital media – record and edit a digital record of the trip to Thirsk Sculpture Park

[Images](#), [video](#), [sound](#), [recording](#).

Key vocabulary is denoted in blue