

Year 4

Curriculum Map Autumn Term

2024

believe
achieve
succeed

English

Writing

During Autumn 1, the children will be reading the 'Tin Forest' and will produce some descriptive writing as well as a non-chronological reports. In Autumn 2, the children will read the book 'Tuesday' and write a narrative as well as newspaper articles and poetry.

Reading

During Autumn 1, the children will be reading our class novel: **The Boy at the Back of the Class**. Reading lessons will be based around this text as well as other discrete texts using VIPERS.

Grammar:

Children will recap basic grammar terminology before exploring past and present tense, using subordinating conjunctions, using adverbs, fronted adverbials and apostrophes.

Handwriting:

The children will learn to join the following letters using the cursive style: l, i, u, t, y, j, n, m and h

Spellings:

Homophones, prefixes in-, il-, im-, ir-, sub-, inter-, challenge words, suffix -ation and -ly, and words spelt ch makes sh sound

Maths

Unit 1: Place value and number

Children will learn to recognise the place value of each digit in a four-digit number as well as ordering, comparing and rounding.

Unit 2: Addition and subtraction

Children will learn how to add and subtract with up to 4 digits using formal written methods.

Unit 3: Area

Children will learn how to find the area of rectilinear shapes by counting squares.

Unit 4: Multiplication and division

Children will learn how to multiply 3-digit numbers by 1-digit numbers and divide 3-digit numbers by 1-digit numbers.

Times tables: 2 weeks on: 5, 10, 2, 4, 8, 3

Art & Design

Design

Technology

Art (Autumn 1): Children develop drawings through experimentation and textile-based techniques to design a repeating pattern suitable for fabric.

DT (Autumn 2): Investigate and model frame structures to improve their stability, then apply this research to design and create a stable, decorated pavilion.

Science

Living things and their habitats (Autumn 1):

Children will learn about habitats, animal adaptations and classifying animals.

Animals including humans (Autumn 2):

Children will learn about teeth, digestive system and food chains.

Music

Body and tuned percussion (Autumn 1):

Using a mixture of body percussion and tuned percussion instruments to create rhythms of the rainforest, layer by layer

Adapting and transposing motifs (Autumn 2):

Drawing on their understanding of repeating patterns in music, pupils are introduced to the concept of motifs.

History

Geography

Geography (Autumn 1): Children will learn why rainforests are important to us and where they are in the world.

History (Autumn 2): Children will learn how children's lives have changed from the Tudor period to the Victorians.

Religious Education

Are all religions equal? (Autumn 1):

Children will connect ways in which religions are similar and consider the importance of differences.

What makes some texts sacred (Autumn 2):

Children will explore scripture from different religions.

Learning for Life

Families and relationships (Autumn):

Children will learn that families are varied and differences must be respected; understanding: physical and emotional boundaries in friendships; the roles of bully, victim and bystander; how behaviour affects others; appropriate manners and bereavement.

French

In the Classroom

Autumn 1: Children will be learning greetings, days of the week, numbers, how to tell the time and how to pronounce the sounds I and OI.

Autumn 2: Children will learn how to talk about their hobbies, holiday and how to pronounce the sounds CH and J.

PE

Autumn 1: Children will learn gymnastics and netball skills such as passing, throwing and dribbling.

Autumn 2: Children will learn about indoor athletics such as long jump and speed bounce as well as football.

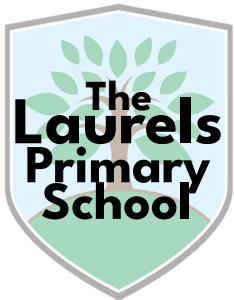
Computing

Creating media (Autumn 1):

Children will learn about input and output devices, learn about the ownership of audio and create a podcast.

Programming (Autumn 2):

Pupils will create programs by planning, modifying, and testing commands to create shapes and patterns.



Year 4

Curriculum Map

Spring Term

2023

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Maths

Unit 1: Multiplication and division

Children will learn how to multiply and divide by 10 and 100, as well as multiply up to 4-digit numbers by 1 digit, and divide using the 'bus stop' method.

Unit 2: Length and perimeter

Children will learn how to convert between kilometres and metres and how to find the perimeter of rectilinear shapes.

Unit 3: Fractions

Children will learn how to convert improper and mixed numbers, find equivalent fractions and how to add and subtract fractions.

Unit 4: Decimals

Children will start using decimal numbers to understand basic place value of them.

Times tables: 2 weeks on 4, 8, 6, 7, 9, 12

Art & Design

Design Technology

Art (Spring 1): Children will learn how to create 3D objects through using tone, as well as drawing with scissors and create a wax resist piece of work before creating a print.

DT (Spring 2): Children will learn how to create a chassis to build their own aerodynamic car and launch mechanism, thinking about how to make their design the fastest out of their group.

Science

Sound (Spring 1): The children will learn what is sound, how sounds travels in different mediums, how pitch is created and why sound gets louder/ quieter the closer/ further away you are from the source.

Living things and their habitats (conservation) (Spring 2): After learning about living things and habitats in Autumn, the children will their understand of what conservation and how humans are impacting the planet (pollution and deforestation)

Music

Spring 1:

The children will be having music lessons this term through 1Term2Learn, where they will learn how to play the recorder from a specialist teacher. All equipment is provided and the children will be learning specialist terminology alongside their musical instruments such as pitch, beat, pulse, rhythm etc.

History

Geography

Geography (Spring 1): The children will be learning where food comes from and how to be more environmentally friendly with the foods we eat (such as chocolate).

History (Spring 2): The children will learn about the Anglo-Saxons answering the question 'How hard was it to invade & settle in Britain', and looking at how Christianity arrived and how the Anglo-Saxon period ended.

Religious

Education

Buddhism (Spring 1): The children will learn what Buddhism is, the origins, where it originated, the key beliefs and how it developed into becoming a religion.

Forgiveness in the bible (Spring 2): The children will be using bibles to look at different stories where forgiveness is key and asking how the bible teaches forgiveness and how to apply this to our lives.

Learning for Life

Spring 1: The children this term will be looking at Health and Wellbeing, such as looking after their teeth, how to calm themselves down using visualisation, how to celebrate mistakes and what their purpose is in life.

Spring 2: We will continue looking at Health and wellbeing by looking at emotions, mental health, happiness, as well as being safe online and also a specific lesson on first aid about asthma.

French

Spring 1: The children will be recapping numbers from 1-10 to then answer and ask how old they are, say which languages they speak and well as their nationality.

Spring 2: The children will learn how to say family members in French and learn numbers from 11-20 as well as recapping over previously taught lessons.

PE

Spring 1: The children will be learning 'gymnastics' such as moving, balancing and sequencing as well as skipping with a rope and tag rugby.

Spring 2: The children will learn indoor athletics such as long jump, speed bounce, hopping, throwing and catching with javelins and shot puts, as well as learning how to dance and move their bodies to create a performance.

Computing

Spring 1: The children will be completing a unit this term about data logging, which involves using data loggers to collect data such as temperature, light and sound and use this data to analyse and answer questions.

Spring 2: The children will be understand how to edit photos using a variety of different tools and media online and why some people do change their images (sometimes for positive or negative reasons).

English

Writing

During Spring 1, the children will be watching the 'Eye of the Storm' video and will produce some descriptive writing (including character, setting and narratives). In Spring 2, the children will read the book 'Journey' and write a narrative as well as setting descriptions and poetry.

Reading

The children have chosen to read 'A Pocketful of Stars' by Aisha Bushby to read during the Spring term, and reading lessons will be based around this text as well as other discrete texts using VIPERS.

Grammar:

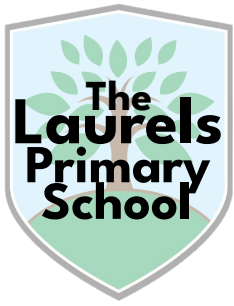
Children will learn expanded noun phrases, conjunctions, adverbs, inverted commas, using paragraphs, prepositions, present perfect tense and apostrophes

Handwriting:

The children will learn to join the following letters using the cursive style: k, b, p, r, c, a, d, e, s and g

Spellings:

Words ending '-sion', words ending 'ous', the 'ee' sound spelt with i, challenge words, 'au' digraph, words ending 'ion', 'cian' and 'ly'



Year 4

Curriculum Map Summer Term 2023

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Maths

Unit 1: Decimals

Children will understand the place value of decimals up to 2 decimal places.

Unit 2: Money

Children will learn how to write money with decimals & convert between pound and pence.

Unit 3: Time

Children will learn how to tell the time.

Unit 4: Shape

Children will deepen their 2D shape knowledge.

Unit 5: Statistics

Children will be taught how to read graphs.

Unit 6: Position and Direction

Children will learn how to read and plot coordinates on a grid.

Times tables/ Fluency:

Children will be practising all facts ready for the Multiplication Tables Check.

Art & Design

Design Technology

Art (Summer 1): Children will learn how to use tints and shades to create 3D looking objects. They will create a final composition that they will paint using different techniques.

DT (Summer 2): Children will be analysing existing torches before moving on to developing and creating their own torches for a specific design brief.

Science

Summer 1:

Children will learn about the three states of matter (solid, liquids and gas) and what we call the processes of changing between them (evaporation and condensation).

Summer 2:

Children will learn in electricity how to create a circuit, the components of a circuit, what a switch is used for and insulators and conductors. We will also look at how to make a light bulb brighter/ dimmer using.

Music

Summer 1:

The children will listen to changes in pitch, tempo and dynamics and linked to their geography learning, represent different stages of the river through vocal and percussive ostinatos.

Summer 2:

The children will learn about the origins and features of rock and roll music. They will learn how to play the Hand Jive and Rock Around the Clock.

History

Geography

Geography (Summer 1): Children will learn about rivers, how they develop, the features of rivers, famous rivers and will study a local river to consider why it is used.

History (Summer 2): Children will develop their chronological thinking by learning what happened once the Vikings invaded and the struggle between Anglo-Saxon and Viking rule.

Religious Education

Summer 1: The children will learn about what Judaism is, where it is practised and some of the places of worship (Synagogues) before looking at Jewish life.

Summer 2:

Looking at religious art, sculpture and music, we will find what informs the rituals, beliefs and morals of religions.

Learning for Life

Summer 1:

The children will continue learning about being safe when using the internet before starting a unit on Citizenship. This will focus on human rights, environmental issues and community diversity.

Summer 2:

The children will then learn about economic wellbeing, exploring choices associated with spending, value for money and career aspirations and inferences.

French

Summer 1:

The children will learn about how to say family members as well as numbers 11-20, whilst recapping over previously taught French vocabulary.

Summer 2:

The children will be learning about age of family members, pets and some cultural lessons about France. We will produce a final piece of work that will showcase their French learning this year.

PE

Summer 1: The children will be learning athletics such as long jump, high jump, shotput and javelin as well as gymnastics, looking at wheeling, movements and using the apparatus.

Summer 2:

The children will continue to focus on athletics (similar activities to Summer 1) to prepare them for sports day as well as learn the basics of cricket.

Computing

Summer 1:

Children will learn the concept of repetition in programming using Scratch. Children will be using count-controlled and infinite loops to modify existing games using repetition.

Summer 2:

The children will apply their knowledge and understanding of networks, the World Wide Web, how to access, add and create content.

English

Writing

During Summer 1, the children will be writing diaries, letters and a non-chronological report based on the book 'The Journey' by Francesca Sanna. In Summer 2, they will be writing monologues, setting descriptions and non-fiction from our reading text 'The Miraculous Journey of Edward Tulane'.

Reading

We will be reading 'The Miraculous Journey of Edward Tulane' and reading lessons will be based around this text as well as other discrete texts using VIPERS skills.

Grammar:

Children will learn expanded noun phrases, subordinating conjunctions, fronted adverbs (with a comma), inverted commas, using paragraphs, prepositions, present perfect tense and apostrophes.

Handwriting:

The children will learn to join the following letters using the cursive style: f, q, o, z, v, w, x and revisiting previously taught joins.

Spellings:

Homophones, s sound spelt c before i and e, 'sol', 'real' family words, prefixes 'super, anti and auto', 'bi', challenge words, possessive apostrophes with plural words and revision.