

Alverton Primary School: Curriculum Overview for Year 3

English (Year 3)

Reading

- Read aloud and understand words based on knowledge of root words, prefixes and suffixes.
- Read exception words, including those with unusual spelling/sound links from the Y3/4 list.
- Listen to, read and answer questions about a range of texts and books.
- Describe and compare some different types of books.
- Ask questions to get a better understanding of a text.
- Begin to know how to use dictionaries to check the meanings of words.
- Check that a text makes sense, including explaining the meaning of words in context
- Identify the main points of a text.
- Use non-fiction books to find information.
- Draw inferences about a character's feelings and thoughts from their actions.
- Predict what might happen based on what has been read.
- Talk about words that capture the reader's interest
- Explain how structure and presentation contribute to the meaning of texts.
- Discuss with others the texts that I have read.
- Prepare poems, plays or traditional tales to read aloud or perform.

Writing

- Discuss and record ideas for planning.
- Discuss the key features of modelled texts and use some of these to shape own writing.
- Compose sentences using a wider range of structures.
- Write a story with a clear structure, setting, characters and plot.
- Use paragraphs to group related material.
- Use organisational devices in non-fiction such as sub headings.
- Critique own (and others') writing and suggest improvements.
- Proof read and make improvements to grammar, spelling and punctuation.
- Include detail to interest the reader.
- Begin to show a point of view.
- Use interesting and sometimes ambitious words.

Speaking and Listening

- Give structured descriptions.
- Participate actively in conversations.
- Consider and evaluate different viewpoints.

Grammar

- Use a or an depending whether the next word begins with a consonant or a vowel.
- Use conjunctions, adverbs and prepositions to express time, cause and place.
- Use of the present perfect form of verbs.
- Use expanded noun phrases.
- Use inverted commas to mark direct speech.
- Begin to use commas to mark clauses

Spelling

- Spell words which are often misspelt from the Y3-4 list.
- Spell words which are in a word family correctly.
- Use a dictionary to check spellings.

Handwriting

- Use appropriate handwriting joins and understand which letters are best left un-joined.

Art and Design (LKS2)

- Use a variety of materials for different techniques with creativity and experimentation.
- Explore and recreate images and objects with an extended range of materials.
- Give reasons for choices.
- Use sketch books to create, record and evaluate ideas.
- Respond to the work of others saying how it makes them think or feel and begin to apply this to their own work.
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials.
- Use line and tone to represent things seen, remembered or observed.
- Use colour to express mood using different tools and colour awareness.
- Learn about great artists, architects and designers.
- Begin to include elements of other artists' work in their own.

Computing (LKS2)

- Use search technologies safely and effectively.
- Use different font sizes, colours and images purposefully
- Open and save emails.
- Know how to use digital tools responsibly to communicate.
- Design and write programs, including decomposing, to achieve specific goals.
- Use logical reasoning to explain simple algorithms.
- Select and use technology to collect and present data appropriately.
- Create and implement a range of programs to accomplish given goals.
- Understand computer networks including the internet and how they can provide multiple services.
- Recognise unacceptable behaviour online.
- Know how to deal with and report inappropriate content and contact.

Mathematics (Year 3)

Number

- Count in multiples of 4, 8, 50 and 100.
- Compare and order numbers up to 1000.
- Add and subtract numbers mentally, including round numbers to HTU.

Addition and Subtraction

- Add using standard column methods.
- Subtract using standard column methods
- Estimate answers to calculations and use the inverse to check answers.

Multiplication and Division

- Begin to use formal written methods for multiplication.
- Begin to use formal written methods for division.
- Know 3x, 4x and 8x tables

Fractions

- Understand and be able to find 1/10 by dividing by 10.
- Compare and order simple fractions.
- Recognise and show equivalent fractions.
- Find and write fractions of a set of objects.
- Add and subtract fractions with common denominators (less than one).

Shape

- Recognise and describe 3D shapes.
- Identify horizontal, vertical, parallel and perpendicular lines.
- Identify whether angles are greater or less than a right angle.
- Solve two step number problems.

Measure

- Measure, compare and calculate measures using standard units.
- Measure the perimeter of simple 2D shapes.
- Add and subtract money, including giving change.
- Tell and write the time from an analogue clock.
- Tell and write the time from a 12 hour and 24 hour digital clock.
- Estimate and read time to the nearest minute.

Shape

- Interpret and present data using bar charts, pictograms and tables.

Design and Technology (LKS2)

- Use research and develop design criteria to inform the design of appealing products which are fit for purpose.
- Use annotated sketches and prototypes to develop and explain ideas.
- Use a range of tools and equipment with accuracy.
- Select from and use a range of materials and components including construction materials, textiles and ingredients.
- Join and combine a range of materials.
- Investigate and analyse a range of existing products.
- Evaluate ideas and products against own design criteria and consider the views of others to improve work.
- Understand how key events and individuals in DT have helped shape the world.
- Understand how to strengthen and reinforce structures.
- Understand and use mechanical and electrical systems in own products.
- Understand the principles of a healthy and varied diet.
- Prepare and cook a variety of predominantly savoury dishes.

Modern Languages (LKS2)

- Listen attentively to spoken language and show understanding by joining in and responding.
- Explore the patterns and sounds of language through songs and rhyme.
- Ask and answer questions.
- Speak in sentences using familiar vocabulary.
- Begin to develop pronunciation.
- Show understanding of words and phrases.
- Appreciate stories, songs, poems and rhymes.
- Write phrases from memory and adapt these to create new sentences.
- Describe people, places, things and actions orally.

Geography (LKS2)

- Locate the world's countries, focusing on Europe and South America and their environmental regions, physical and human characteristics and major cities.
- Locate and name some countries and cities of the UK.
- Describe the human and physical characteristics of the local region.
- Understand geographical similarities and differences through the study of human and physical geography of the local area and of other countries.
- Describe and understand key aspects of physical geography such as rivers, mountains, volcanoes and earthquakes and of human geography such as settlements and land use.
- Use maps, atlases, globes and digital / computer mapping.
- Use the eight points of a compass, symbols and keys.
- Use fieldwork to observe, measure and record and present findings in a range of ways.
- Present findings in a range of ways including sketch maps, plans and using digital technology.

Music (LKS2)

- Use voice and Instruments with Increasing accuracy, control and expression to play and perform.
- Perform in a group and alone.
- Improvise and compose music for a range of purposes.
- Listen with attention to detail and recall sounds.
- Appreciate a range of high quality live and recorded music.
- Describe and compare moods in music.
- Begin to develop an understanding of musical history.

Science (Year 3 objectives - covered during LKS2)

Biology:

- Plants, including parts, lifecycle and requirements for life.
- Animals: Skeletons and nutrition.

Physics

- Classification of rock types.
- Simple understanding of fossilisation.

Chemistry

- Sources of light, shadows and reflection
- Simple forces, especially magnetism.

Scientific Enquiry

- Ask relevant questions and use evidence to answer these.
- Set up practical enquiries and fair tests using a range of scientific equipment.
- Make careful observations and begin to make accurate measurements.
- Record findings using simple scientific language, drawings, labelled diagrams and tables.
- Report findings from investigations including oral and written explanations or presentations of results and conclusions.
- Using results to draw simple conclusions.

History (LKS2)

- Continue to develop a chronologically secure knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods studied.
- Order events over a wider timescale and understand this.
- Use historical information.
- Understand that our knowledge of the past is constructed from a range of sources.
- Know the difference between primary and secondary sources.
- Answer and begin to ask historical questions.
- Note connections and contrasts.
- Question why something happened and how it impacted on people.
- Develop use of historical terms.

Coverage will include:

- A British History study
- A study of an Ancient civilisation
- A World History study
- Invaders and Settlers
- World War II (including the local area)

Physical Education (LKS2)

- Use running, throwing, jumping and catching in isolation and in combination.
- Develop flexibility and control in athletics.
- Compare performances to achieve personal bests.
- Develop flexibility and control in gymnastics.
- Play competitive games, modified as appropriate.
- Develop the skills needed for these such as attacking and defending.
- Perform dances using a range of movement patterns.
- Swim competently, confidently and proficiently over a distance of at least 25 metres.
- Use a range of strokes effectively.
- Perform self-rescue in different water-based situations.
- Take part in outdoor and adventurous activity challenges.
- Throw and catch a ball with accuracy and control.
- Strike a ball with control and accuracy.

Religious Education (LKS2)

- Develop their knowledge, skills and understanding of Christianity, Hinduism, Islam, Judaism and Sikhism.
- Describe the key aspects of religions, especially the people, stories and traditions that influence the beliefs and values of others.
- Identify and begin to describe the similarities and differences within and between religions.
- Find out about inspirational people: figures from whom believers find inspiration.
- Identify key moments in the story of Christianity in Cornwall and how that has shaped Cornwall in the present.
- Understand what is expected of a person in following a religion or belief.
- Reflect on ideas of right and wrong and their own and others' responses to them.
- Encounter religion through visitors and visits to places of worship, and focusing on the impact and reality of religion on the local and global community.
- Express and communicate their own and others' insights through art and design, music, dance, drama and IT.