

Curriculum Overview for Year 3

Mathematics

Number/Calculation

- ☑ Learn 3, 4 & 8x tables
- ☑ Secure place value to 100
- ☑ Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
- ☑ Written column addition & subtraction
- ☑ Solve number problems, including multiplication & simple division and missing number problems
- ☑ Use commutativity to help calculations

Data

- ☑ Interpret bar charts & pictograms

Geometry & Measures

- ☑ Measure & calculate with metric measures
- ☑ Measure simple perimeters
- ☑ Add/subtract using money in context
- ☑ Use Roman numerals up to XII; tell time
- ☑ Calculate using simple time problems
- ☑ Draw 2-d / Make 3-d shapes
- ☑ Identify and use right angles
- ☑ Identify horizontal, vertical, perpendicular and parallel lines

Fractions & decimals

- ☑ Use & count in tenths
- ☑ Recognise, find & write fractions
- ☑ Recognise some equivalent fractions
- ☑ Add/subtract fractions up to <1
- ☑ Order fractions with common denominator

English

Reading

- ☑ Use knowledge to read 'exception' words
- ☑ Read a range of fiction & non-fiction
- ☑ Use dictionaries to check meaning
- ☑ Prepare poems & plays to perform
- ☑ Check own understanding of reading
- ☑ Draw inferences & make predictions
- ☑ Retrieve & record information from non-fiction books
- ☑ Discuss reading with others

Speaking & Listening

- ☑ Give structured descriptions
- ☑ Participate activity in conversation
- ☑ Consider & evaluate different viewpoints

Writing

- ☑ Use prefixes & suffixes in spelling
- ☑ Use dictionary to confirm spellings
- ☑ Write simple dictated sentences
- ☑ Use handwriting joins appropriately
- ☑ Plan to write based on familiar forms
- ☑ Rehearse sentences orally for writing
- ☑ Use varied rich vocabulary
- ☑ Create simple settings & plot
- ☑ Assess effectiveness of own and others' writing

Grammar

- ☑ Use range of conjunctions
- ☑ Use perfect tense
- ☑ Use range of nouns & pronouns
- ☑ Use time connectives
- ☑ Introduce speech punctuation
- ☑ Know language of clauses

Science

Biology

- ☑ Plants, incl. parts, lifecycle and requirements for life
- ☑ Animals: skeletons & nutrition

Chemistry

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

Physics

- ☑ Sources of light; shadows & reflections
- ☑ Simple forces, including magnetism

Learning Challenge

- Are you attractive enough?
- How did that blossom become an apple?
- What do rocks tell us about how the Earth was formed?
- How far can you throw your shadow?

Geography (LKS2)

- ☑ Locate the world's countries, focussing on Europe & the Americas; focus on key physical & human features
- ☑ Study a region of the UK (not local area)
- ☑ Use 8 points of the compass, symbols & keys
- ☑ Describe & understand climate

Learning Challenge

- Why do so many people choose to go to the Mediterranean for their holiday?

History

- ☑ The Roman Empire and its impact on Britain
- ☑ Scot's invasion from Ireland to Britain
- ☑ Britain's settlement by Anglo-Saxons

Learning Challenge

- Why were the Romans so powerful and what did we learn from them?
- Were the Anglo-Saxons really smashing?

Religious Education

- ☑ What are rules?
- ☑ Christianity 1) Meanings within Christmas 2) Meanings within Easter
- ☑ Hinduism- 1) Gods and worship 2) Beliefs and practice
- ☑ That's not fair! Or is it?
- ☑ What is so special about places?

SMSC and PSHE

- ☑ Feelings and emotions
- ☑ Staying safe
- ☑ Healthy choices
- ☑ Changes and growing up
- ☑ Going for goals
- ☑ Friendship

Computing (LKS2)

- ☑ Design & write programs to achieve specific goals, including solving problems
- ☑ Use logical reasoning
- ☑ Understand computer networks
- ☑ Use internet safely and appropriately
- ☑ Collect and present data appropriately

Art & Design (LKS2)

- ☑ Use sketchbooks to collect, record and evaluate ideas
- ☑ Improve mastery of techniques such as drawing, painting and sculpture with varied materials – Henry Moore- 3D modroc
- ☑ Learn about great artists, architects & designers: Klee, Renoir and The Romans

Design & Technology (LKS2)

- ☑ Use research & criteria to develop products which are fit for purpose
- ☑ Use annotated sketches and prototypes to explain ideas
- ☑ Evaluate existing products and improve own work
- ☑ Use mechanical systems in own work
- ☑ Understand seasonality; prepare & cook mainly savoury dishes

Music (LKS2)

- ☑ Use voice & instruments with increasing accuracy, control and expression
- ☑ Improvise & compose music
- ☑ Listen with attention to detail
- ☑ Appreciate wide range of live & recorded music
- ☑ Begin to develop an understanding of history

Physical Education (LKS2)

- ☑ Use running, jumping, catching and throwing in isolation and in combination
- ☑ Play competitive games, modified as appropriate
- ☑ Develop flexibility & control in gym, dance & athletics
- ☑ Compare performances to achieve personal bests

Modern Languages (LKS2)

- ☑ Engage in conversations; ask and answer questions
- ☑ Present ideas and information orally to a range of audiences
- ☑ Listen attentively to spoken language and show understanding through joining in and responding
- ☑ Read carefully and show understanding of words, phrases and simple writing