

CURRICULUM OVERVIEW FOR YEAR 1

English y1

Reading

- Match graphemes for all phonemes
- Read accurately by blending sounds
- Read words with very common suffixes
- Read contractions & understand purpose
- Read phonics book aloud
- Link reading to own experiences
- Join in with predictable phrases
- Discuss significance of title & events
- Make simple predictions

Writing

- Name letters of the alphabet
- Spell very common 'exception' words
- Spell days of the week
- Use very common prefixes & suffixes
- Form lower case letters correctly
- Form capital letters & digits
- Compose sentences orally before writing
- Read own writing to peers or teachers

Grammar

- Leave spaces between words
- Begin to use basic punctuation : . ? !
- Use capital letters for proper nouns
- Use common plural & verb suffixes
- Listen & respond appropriately
- Ask relevant questions
- Maintain attention & participate

Speaking & Listening

Mathematics

Number / Calculation

- Count to / across 100
- Count in 1s, 2s, 5s and 10s
- Identify 'one more' and 'one less'
- Read & write numbers to 20
- Use language, e.g. 'more than', 'most'
- Use +, - and = symbols
- Know number bonds to 20
- Add and subtract one-digit and two-digit numbers to 20, including zero
- Solve one-step problems, including simple arrays

Geometry & Measures

- Use common vocabulary for comparison e.g. heavier, taller, full, longest, quickest
- Begin to measure length, capacity, weight
- Recognise coins & notes
- Use time & ordering vocabulary
- Tell the time to hour/half-hour
- Use language of days, weeks, months & years

- Recognise & name common 2-d and 3-d shapes
- Order & arrange objects
- Describe position & movement, including half and quarter turns

Fractions

- Recognise & use $\frac{1}{2}$ & $\frac{1}{4}$

Science

Biology

- Identify basic plants
- Identify basic plant parts (roots, leaves, flowers, etc)
- Identify & compare common animals
- Identify & name basic body parts

Chemistry

- Distinguish between objects & materials
- Identify & name common materials
- Describe simply properties of some materials
- Compare & classify materials

Physical

- Observe weather associated with changes of season

History (KS1)

Key concepts

- Changes in living memory (linked to aspects of national life where appropriate)

Key individuals

- Lives of significant historical figures, including comparison of those from different periods
- Significant local people

Key Events

- E.g. Bonfire night
- Events of local importance

Art & Design (KS1)

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers

Design and technology (KS1)

- Design purposeful, functional & appealing products
- Generate model & communicate ideas
- Use range of tools & materials to complete practical tasks
- Evaluate existing products & own ideas
- Build and improve structure & mechanisms
- Understand where food comes from

Modern Languages

Not required at KS1

Religious Education

Continue to follow locally-agreed syllabus for RE

Computing (KS1)

- Understand use of algorithms
- Write & test simple programs
- Use logical reasoning to make predictions
- Organise, store, retrieve and manipulate data
- Communicate online safely and respectfully
- Recognise use of IT outside of school

Geography (Y1)

- Name & locate the four countries and capital cities of the United Kingdom using atlases & globes
- Use basic geographical vocabulary to refer to local & familiar features
- Use four compass directions & simply vocab
- Use aerial images and other models to create simple plans and maps, using symbols
- Use simple fieldwork and observational skills to study the immediate environment
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Music (KS1)

- Sing songs
- Play tuned & untuned instruments musically
- Listen & understand live and recorded music
- Make and combine sounds musically

Physical Education (KS1)

- master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination
- participate in team games
- perform dances using simple movement
- *swimming proficiency at 25m (KS1 or KS2)*

CURRICULUM OVERVIEW FOR YEAR 2

English y2

Reading

- Develop phonics until decoding secure
- Read common suffixes
- Read & re-read phonic-appropriate books
- Read common 'exception' words
- Discuss & express views about fiction, non-fiction & poetry
- Become familiar with & retell stories
- Ask & answer questions; make predictions
- Begin to make inferences

Writing

- Spell by segmenting into phonemes
- Learn to spell common suffixes
- Spell using common suffixes etc.
- Use appropriate size letters & spaces
- Develop positive attitude & stamina for writing
- Begin to plan ideas sentence-by-sentence
- Make simple additions & changes after proof-reading

Grammar

- Use . ? ! , ' ,
- Use simply conjunctions
- Begin to expand noun phrases
- Use some features of standard English

Speaking & Listening

- articulate & justify answers
- Initiate & respond to comments
- Use spoken language to develop understanding

Mathematics

Number / Calculation

- Know 2, 5, 10x tables
- Begin to use place value (T/U)
- Count in 2s, 3s, 5s & 10s
- Identify, represent & estimate numbers
- Compare / order numbers, inc. < > =
- Write numbers to 100
- Know number facts to 20 (+ related to 100)
- Use x and ÷ symbols
- Recognise commutative property of multiplication

Geometry & Measures

- Know and use standard measures
- Read scales to nearest whole unit
- Use symbols for £ and p and add/subtract simple sum of less than £1 or in pounds
- Tell time to the nearest 5 minutes
- Identify 2d and 3d shapes
- Identify 2d and 3d surfaces
- Order and arrange mathematical objects

- Use terminology of position & movement

Fractions

- Find and write simple fractions
- Understand equivalence of e.g. $\frac{2}{4} = \frac{1}{2}$

Data

- Interpret simple tables & pictograms
- Ask & answer comparison questions
- Ask & answer questions about totalling

Science

Biology

- Differentiate living Non-living and dead
- Grow plants (water, light, warmth)
- Basic needs of animals & offspring
- Simple food chains & habitats

Chemistry

- Identify and compare uses of different materials
- Compare how things move on different surfaces

History (KS1)

Key concepts

- Events beyond living memory that are significant nationally or globally

Key individuals

- Lives of significant historical figures, including comparison of those from different periods
- Significant local people

Key Events

- E.g. Great fire of London
- Events of local importance

Art & Design (KS1)

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers

Design and technology (KS1)

- Design purposeful, functional & appealing products
- Generate model & communicate ideas
- Use range of tools & materials to complete practical tasks
- Evaluate existing products & own ideas
- Build and improve structure & mechanisms
- Understand where food comes from

Modern Languages

Not required at KS1

Religious Education

Continue to follow locally-agreed syllabus for RE

Computing (KS1)

- Understand use of algorithms
- Write & test simple programs
- Use logical reasoning to make predictions
- Organise, store, retrieve and manipulate data
- Communicate online safely and respectfully
- Recognise use of IT outside of school

Geography (Y2)

- Name and locate world's continents and oceans
- Compare local area to a non-European country
- Use basic vocabulary to describe a less familiar area
- Use aerial images and other models to create simple plans and maps, using symbols
- Identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world
- Use world maps, atlases and globes to identify countries, continents and oceans

Music (KS1)

- Sing songs
- Play tuned & untuned instruments musically
- Listen & understand live and recorded music
- Make and combine sounds musically

Physical Education (KS1)

- master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination
- participate in team games
- perform dances using simple movement
- swimming proficiency at 25m (KS1 or KS2)

CURRICULUM OVERVIEW FOR YEAR 3

English y3

Reading

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

Writing

- Use prefixes & suffixes in spelling
- Use dictionary to confirm spellings
- Write simply 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
- ### Speaking & Listening
- Give structured descriptions
 - Participate activity in conversation
 - Consider & evaluate different view points

Art & Design (LKS2)

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

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

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 commutatively to help calculations

Geometry & Measures

- Measure & calculate with metric measures
- Measure simple perimeter
- 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
- ### Data
- Interpret bar charts & pictograms

Design and 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

Geography (LKS2)

- Identify the position and significance of latitude, longitude, Equator, Hemispheres, Tropics etc
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes
- Use fieldwork to observe, measure & record
- Use maps, atlases, globes and ICT to locate countries and describe features studied

Modern Languages (LKS2)

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

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
- Being to develop understanding of history

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

History

British history (taught chronologically)

- Stone Age to Iron Age Britain, including:
 - hunter-gatherers and early farmers
 - Bronze age religion, technology & travel
 - Iron age hill forts

Broader History Study

- The achievements of the earliest civilizations
- Where and when the first civilizations appeared
- Ancient Egyptians

Religious Education

Continue to follow locally-agreed syllabus for RE

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
- swimming proficiency at 25m (KS1 or KS2)

CURRICULUM OVERVIEW FOR YEAR 4

English y4

Reading

- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas

Writing

- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Organise writing into paragraphs
- Use simple organisational devices
- Proof-read for spelling & punctuation errors
- Evaluate own and others' work
- Read own writing aloud

Grammar

- use wider range of conjunctions
- use perfect tense appropriately
- select pronouns and nouns for clarity
- use & punctuate direct speech
- use commas after front adverbials
- **Speaking & Listening**
- articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners

Mathematics

Number / Calculation

- Know all tables to 12 x 12
- Secure place value to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use roman numerals to 100 (C)
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

Geometry & Measures

- Compare 2-d shapes, including quadrilaterals & triangles
- Find area by counting squares
- Calculate rectangle perimeters
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify symmetry
- Use first quadrant coordinates
- Introduce simple translations
- **Data**
- Use bar charts, pictograms & line graphs

Fractions & decimals

- recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

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

History

British history (taught chronologically)

- Roman Empire & impact on Britain:
 - *Julius Caesar's attempted invasion*
 - *Roman Empire & successful invasion*
 - *British resistance, e.g. Boudicca*
 - *Romanisation of Britain*

Broader History Study

- A local history study e.g. *-A depth study linked to a studied period Victorians)*
- *A study over a period of time*
- *A post – 1066 study of relevant local history*

Art & Design (LKS2)

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

Computing (LKS2)

- Design and 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

Design and 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

Modern Languages (LKS2)

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

Religious Education

Continue to follow locally-agreed syllabus for RE

Geography (LKS2)

- Name and locate countries and cities of the UK, identify human physical features, key topographical features and land use patterns
- Study a region of the UK (not local area)
- Describe & understand key aspects of physical and human geography, including rivers, mountains and the water cycle. Types of settlement and land use, economic activity and natural resources
- Use 8 points of compass, symbols & keys, 4 and 6 fig Grid ref

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
- Being to develop 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
- *swimming proficiency at 25m (KS1 or KS2)*

CURRICULUM OVERVIEW FOR YEAR 5

English y5

Reading

- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres & texts
- Identifying & discussing themes
- Making recommendations to others
- Learn poetry by heart
- Draw inference & make predictions
- Discuss authors' use of language
- Retrieve & present information from non-fiction texts
- Formal presentations & debates

Writing

- Secure spelling, inc. Homophones, prefixes, silent letters, etc.
- Use a thesaurus
- Legible, fluent handwriting
- Plan writing to suit an audience & purpose
- Develop character, setting and atmosphere in narrative
- Use organisational & presentational features
- Use consistent appropriate tense
- Proof-reading
- Perform own compositions

Grammar

- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes & commas for parenthesis
- **Speaking & Listening**
- Give well structured explanations
- Command of standard English
- Consider & evaluate different viewpoints
- Use appropriate register

Mathematics

Number / Calculation

- Secure place value to 1,000,000
- Use negative whole numbers in context
- Use roman numerals to 1000 (M)
- Use standard written methods for all four operations
- Confidently add & subtract mentally
- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of ten
- Use square and cube numbers

Geometry & Measures

- Convert between different units
- Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity
- Identify 3-d shapes
- Measure & identify angles
- Understand regular polygons
- Reflect & translate shapes
- **Data**
- Interpret tables & line graphs
- Solve questions about line graphs

Fractions & decimals

- Compare & order fractions
- Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

Science

Biology

- Life cycles of plants & animals (inc. Mammal, insect, bird, amphibian)
- Describe changes as humans develop & mature

Chemistry

- Classify materials according to a variety of properties
- Understand mixtures & solutions
- Know about reversible changes; identify irreversible

Physics

- Understand location and interaction of sun, earth & moon
- Introduce gravity, resistance & mechanical forces

History

British history (taught chronologically)

- Anglo-Saxons & Scots, including:
 - *Roman withdrawal from Britain; Scots invasion*
 - *Invasions, settlements & kingdoms*
 - *Anglo-Saxon art and culture*

Broader History Study

- Ancient Greece i.e.
 - *A study of Greek life and achievements and their influence on the western world*

Art & Design (UKS2)

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

Design and technology (UKS2)

- use research & criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming
- Cook savoury dishes for a healthy & varied diet

Modern Languages (UKS2)

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, place & things
- Understand basic grammar e.g. gender

Religious Education

Continue to follow locally-agreed syllabus for RE

Computing (UKS2)

- Design & write programs to solve problems
- Use sentences, repetition, inputs, variables and outputs in programs
- Detect correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content

Geography (UKS2)

- Name and locate counties, cities, regions & features of Europe including Russia
- Understand geographical similarities and differences through a study of a region of Europe
- Describe & understand key aspects of physical and human geography, including rivers, mountains, volcanoes and earthquakes. Types of settlement and land use, economic activity, natural resources and trade links
- Use maps, atlases, globes and ICT to locate countries and describe features studied
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Music (UKS2)

- Perform with control & expression solo & in ensembles
- Improvise & compose using dimensions of music
- Listen to detail and recall aurally
- Use and understand basics of staff notation
- Develop and understanding of the history of music, including great musicians & composers

Physical Education (UKS2)

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control gym, dance & athletics
- Take part in Outdoor & adventurous activities
- Compare performance to achieve personal bests
- *swimming proficiency at 25m (KS1 or KS2)*

CURRICULUM OVERVIEW FOR YEAR 6

English y6

Reading

- Read a broad range of genres
- Recommend book to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure etc. contribute to meaning
- Discuss use of language inc. Figurative
- Discuss & explain reading, providing reasoned justifications for views

Writing

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices
- Ensure grammatical consistency

Grammar

- Use appropriate register/ style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/ object
- **Speaking & Listening**
- use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & explore
- Use appropriate register & language

Art & Design (UKS2)

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

Computing (UKS2)

- Design & write programs to solve problems
- Use sentences, repetition, inputs, variables and outputs in programs
- Detect & correct errors for collaboration & communication
- Be discerning in evaluating digital content

Geography (UKS2)

- Name and locate counties, cities, regions & features of North and South America
- Study a region of the Americas
- Describe & understand key aspects of physical and human geography, including rivers, mountains, volcanoes and earthquakes. Types of settlement and land use, economic activity, natural resources and trade links
- Use maps, atlases, globes and ICT to locate countries and describe features studied

Mathematics

Number / Calculation

- Secure place value & rounding to 10,000,000 including negatives
- All written methods, including long division
- Use order of operations (not indices)
- Identify factors, multiples & primes
- Solve multi-step number problems

Algebra

- Introduce simple use of unknowns

Geometry & Measures

- Confidently use a range of measures & conversions
- Calculate area of triangles / parallelograms
- Use area & volume formulas
- Classify shapes by properties
- Know and use angle rules
- Translate & reflect shapes, using all four quadrants

Data

- Use pie charts
- Calculate mean averages

Fractions, decimals & percentages

- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- Solve problems using decimals & percentages
- Use written division up to 2dp
- Introduce ratio & proportion

Design and technology (UKS2)

- Use research & criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming
- Cook savoury dishes for a healthy & varied ...

Modern Languages (UKS2)

- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar e.g. gender

Religious Education

Continue to follow locally-agreed syllabus for RE

Science

Biology

- Classification, Including micro-organisms
- Health & lifestyles, incl. Circulatory system
- Evolution & adaptation

Physics

- Lights & Shadows; the eye
- Forces, including gravity
- Electricity: investigating circuits

History

British history (taught chronologically)

The Viking struggle for the Kingdom of England

- Viking Raids and Invasion
- Resistance by Alfred the Great
- Further Viking invasions and Danegeld

Broader History Study

- Non-European society that provides contrasts with British history
 - *Mayan civilization AD 900*

Music (UKS2)

- Perform with control & expression solo & in ensembles
- Improvise & compose using dimensions music
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Physical Education (UKS2)

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventure activities
- Compare performances to achieve personal bests
- *swimming proficiency at 25m (KS1 or KS2)*