Overview of the Primary Curriculum

Based on National Curriculum published in September 2013

This document contains 6 A3 sheets, each of which presents an outline of the content of the new National Curriculum from 2014

Core subjects (English, Maths & Science) are presented in a year-by-year format, based on the outlines given in the National Curriculum. History is also presented in this format, based on a <u>suggested</u> programme.

All other subjects are presented in two-year sections, dividing KS2 into Lower and Upper Key Stages.

It should be noted that it is only statutorily required to cover each Key Stage's content by the end of the key stage. It is for schools to decide on the most appropriate ordering for their situation.



Reading

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

Number/Calculation

Count to / across 100

•Use +, - and = symbols

•Know number bonds to 20

•Count in 1s, 2s, 5s and 10s

•Read & write numbers to 20

•Use language, e.g. 'more than',

•add and subtract one-digit and two-digit numbers to 20, including

•Solve one-step problems, including

•Identify 'one more' and 'one less'

English

Writing

- 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

Speaking & Listening

- Listen & respond appropriately
- Ask relevant questions
- •Maintain attention & participate

Mathematics

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 ½ & ¼

Science

simple arrays

Biology

zero

'most'

- 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 simple properties of some materials
- •Compare & classify materials

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

Computing (KS1)

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

Design & 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

Geography (Y1)

- Name & locate the four countries and capital cities of the United Kingdom using atlases & globes
- identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world
- Use basic geographical vocabulary to refer to local & familiar features
- Use four compass directions & simple vocab

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)

Religious

Education

Reading

- Develop phonics until decoding secure
- Read common suffixes
- •Read & re-read phonic-appropriate •Spell using common suffixes, etc. 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 use place value (1/U)

•Identify, represent & estimate

•Compare / order numbers, inc. <>

Recognise commutative property

Begin to make inferences

Number/Calculation

•Know 2, 5, 10x tables

•Count in 2s, 3s, 5s & 10s

•Write numbers to 100

•Use x and ÷ symbols

of multiplication

English

- •Spell by segmenting into phonemes •Use .!?, and '
- •Learn to spell common 'exception' •Use simple conjunctions words
- Use appropriate size letters & spaces

Writing

- Develop positive attitude & stamina for writing
- •Begin to plan ideas for writing
- •Record ideas sentence-by-sentence •Use spoken language to develop
- Make simple additions & changes after proof-reading

Grammar

- Begin to expand noun phrases
- Use some features of standard English

Speaking & Listening

- Articulate & Justify answers
- •Initiate & respond to comments
- understanding

Mathematics

Geometry & Measures

- •Read scales to nearest whole unit
- •Use symbols for £ and p and add/subtract simple sums of less than £1 or in pounds
- •Tell time to the nearest 5 minutes
- •Identify & sort 2-d & 3-d shapes
- •Identify 2-d shapes on 3-d •Know number facts to 20 (+ related surfaces
 - Order and arrange mathematical objects
 - •Use terminology of position & movement

Fractions

- •Know and use standard measures •Find and write simple fractions
 - •Understand equivalence of e.g. 2/4 = 1/2

Data

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

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

Computing (KS1)

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

Design & 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

Not required at KS1

Understand where food comes from

Geography (Y2)

- Name & locate world's continents and oceans
- Compare local area to a non-European country
- Use basic vocabulary to describe a less familiar
- 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

Modern

Languages

Music (KS1)

Sing songs

tuned & untuned instruments musically

- Listen & understand live and recorded music
- Make and combine sounds musically

Science

numbers

to 100)

Biology

- Differentiate living, dead and non-living
- Growing 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

 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

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

Religious

Education

Reading

- •Use knowledge to read 'exception' •Use prefixes & suffixes in spelling words

- •Prepare poems & plays to perform
- Check own understanding of reading
- •Draw inferences & make predictions
- •Retrieve & record information from •Create simple settings & plot non-fiction books

•Mentally add & subtract units, tens

or hundreds to numbers of up to 3

Solve number problems, including

multiplication & simple division

and missing number problems

Use commutativity to help

Discuss reading with others

Number/Calculation

•Learn 3, 4 & 8x tables

•Secure place value to 100

Written column addition &

English

Writing

- •Use dictionary to confirm spellings
- •Read range of fiction & non-fiction •Write simple dictated sentences
- •Use dictionaries to check meaning •Use handwriting joins appropriately pronouns
 - Plan to write based on familiar forms
 - Rehearse sentences orally for writing
 - •Use varied rich vocabulary

Geometry & Measures

measures

context

tell time

problems

 Assess effectiveness of own and others' writing

Mathematics

•Measure & calculate with metric

Measure simple perimeter

Add/subtract using money in

•Use Roman numerals up to XII;

•Calculate using simple time

•Draw 2-d / Make 3-d shapes

Identify and use right angles

Grammar

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

Speaking & Listening

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

Fractions & decimals

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

Data

Interpret bar charts & pictograms

- Recognise, find & write fractions

Science

Biology

digits

subtraction

calculations

- 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
 - <u>Ir</u>on age hill forts

Broader History Study

- A local history study, e.g.
- A depth study linked to a studied period
- A study over a period of time

A nost-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 & 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 & Technology (LKS2) Geography (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

- Locate world's countries, focussing on Europe & Americas focus on key physical & human features
- Study a region of the UK (not local area)
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.
- Use fieldwork to observe, measure & record

Modern

Languages (LKS2) Music (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

- Use voice &
- struments with increasing accuracy, control and expression
 - Improvise & compose music
 - Listen with attention to detail
- Appreciate wide range of live & recorded music

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

Religious

Education

ideas

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
- Identify & summarise ideas

Number/Calculation

or 1000

to 4 digits

Science

Biology

•Know all tables to 12 x

•Secure place value to 1000

Use negative whole numbers

•Round numbers to nearest 10, 100

•Use Roman numerals to 100 (C)

Multiply & divide mentally

Column addition & subtraction up

Use standard short multiplication

English

 Correctly spell common homophones

Writing

- 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' writing
- •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

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
- Add & subtract fractions with
- Recognise common equivalents
- numbers
- Solve money problems

- Identify equivalent fractions
- common denominators
- Round decimals to whole

• Learn about great artists, architects & designers

Design & Technology (LKS2)

Art & Design (LKS2)

Use sketchbooks to collect, record and evaluate

painting and sculpture with varied materials

Improve mastery of techniques such as drawing,

- Use research& criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas

Modern

Ask & answer questions

· Listen & engage

- Evaluate existing products and improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes

Speak in sentences using familiar vocabulary

Develop appropriate pronunciation

• Show understanding of words & phrases

Appreciate stories, songs, poems & rhymes

Languages (LKS2) Music (LKS2)

Use voice &

Geography (LKS2)

Locate world's

truments with increasing accuracy, control and expression

Computing (LKS2)

• Design & write programs to achieve specific

• Use logical reasoning

Understand computer networks

goals, including solving problems

• Use internet safely and appropriately

Collect and present data appropriately

countries, focussing on Europe & Americas

mountains, volcanoes, earthquakes, water

Use fieldwork to observe, measure & record

focus on key physical & human features

• Study a region of the UK (not local area)

Use 8 points of compass, symbols & keys

Describe & understand climate, rivers,

cycle, settlements, trade links, etc.

- Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded music

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

Physical Use running,

Education (LKS2)

- 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

Religious

ducation

Continue to follow locallyagreed syllabus for RE

Chemistry

•Food chains

Changes of state

Classify living things

Digestive system & teeth

•The water cycle

Physics

- Sound as vibrations
- Electricity: simple circuits & conductors

Broader History Study

- Earliest ancient civilisations, i.e.
 - Ancient Sumer;
 - Indus Valley;
 - Ancient Egypt; or

Reading

- Apply knowledge of morphology & Secure spelling, inc. homophones, etymology when reading new words
- •Reading & discuss a broad range of •Legible, fluent handwriting genres & texts
- Identifying & discussing themes
- •Make recommendations to others •Develop character, setting and
- Learn poetry by heart

Number/Calculation

Secure place value to

all four operations

1.000.000

context

mentally

multiple

- Discuss authors' use of language
- •Retrieve & present information from non-fiction texts.
- •Formal presentations & debates

Use negative whole numbers in

Use Roman numerals to 1000 (M)

•Use standard written methods for

Use vocabulary of prime, factor &

•Multiply & divide by powers of ten

•Use square and cube numbers

Confidently add & subtract

English

Writing

- prefixes, silent letters, etc.
- Use a thesaurus
- •Plan writing to suit audience & purpose
- atmosphere in narrative
- •Draw inference & make predictions •Use organisational & presentational •Command of Standard English 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 clause
- Use brackets, dashes & commas for parenthesis

Speaking & Listening

- •Give well-structured explanations
 - Consider & evaluate
 - different viewpoints Use appropriate register

Mathematics

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

- 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

• Listen & engage

Modern

& evaluate ideas

• Engage in conversations, expressing opinions

Art & Design (UKS2)

• Use sketchbooks to collect, record, review, revisit

Improve mastery of techniques such as drawing,

painting and sculpture with varied materials

• Learn about great artists, architects & designers

Design & Technology (UKS2)

• Use research& criteria to develop products which

Use annotated sketches, cross-section

Analyse & evaluate existing

• Cook savoury dishes for a healthy & varied diet

products and improve own work

Use mechanical & electrical systems in

own products, including programming

diagrams & computer-aided design

are fit for purpose and aimed at specific groups

- 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

Physical

Education (UKSZ)

anguages (LIKS)

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

Computing (UKS2)

- Design & write programs to solve problems
 - Use sequences, 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 & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

Music (LIKS)

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

Religious

Education

Continue to follow locallyagreed syllabus for RE

Science Biology

- •Life cycles of plants
- & animals (inc. maminal, 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

British History (taught chronologically)

- Anglo-Saxons & Vikings, including:
 - Roman withdrawal from Britain; Scots invasion
 - Invasions, settlements & kingdoms
 - Viking invasions; Danegald
 - Edward the Confessor
- Broader History Study
- Ancient Greece, i.e.
- A study of Greek life and achievemen their influence on the western world

Reading

- •Read a broad range of genres
- Recommend books 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

Number/Calculation

Secure place value &

negatives

division

indices)

Algebra

Science

Classification,

Biology

Physics

Discuss & explain reading, providing reasoned justifications for views

rounding to 10,000,000, including

All written methods, including long

Solve multi-step number problems

•Introduce simple use of unknowns

including micro-organism

Evolution & Adaptation

•Light & Shadows; the eye

Forces, including gravity

Electricity: investigating circuits

Health & Lifestyles, incl. circulatory system

•Use order of operations (not

English

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, nypothesise & explore •Use appropriate register & language

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

Wathematics

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
- •Identify factors, multiples & primes •Translate & reflect shapes, using all four quadrants

Data

- Use pie charts
- Calculate mean averages

History

British History (taught chronologically)

- An extended period study, e.g.
 - The changing power of monarchs
 - Significant turning points in British history
 - Crime & punishment
 - Leisure

Broader History Study

- Non-European society, i.e.
- Islamic civilization, including Baghdad
- Mayan civilization
- Benin (West Africa)

Art & Design (UKS2)

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

Design & 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 owl products, including programming
- Cook savoury dishes for a healthy & varied diet

Modern

Languages (UKS2) Music (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

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 &
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal
- Swimming proficiency at 25m (KS1 or KS2)

Computing (UKS2)

- Design & write programs to solve problems
 - Use sequences, 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 & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

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

Religious

Education