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.



Curriculum Overview for Year 1 English Art & Design (KS1) Reading Writing Grammar Match graphemes for all phonemes Name letters of the alphabet Leave spaces between words Use a range of materials Read accurately by blending Spell very common 'exception' Begin to use basic Use drawing, painting and sculpture sounds words punctuation: . ? ! Read words with very common Develop techniques of colour, pattern, texture, Spell days of the week Use capital letters for suffixes line, shape, form and space •Use very common prefixes & proper nouns. Read contractions & understand suffixes Use common plural & verb suffixes Learn about range of artists, craftsmen and purpose Form lower case letters correctly Speaking & Listening designers Read phonics books aloud Form capital letters & digits Listen & respond appropriately Link reading to own experiences Compose sentences orally before Ask relevant questions Join in with predictable phrases writing Maintain attention & participate Discuss significance of title & Design & Technology (KS1) Read own writing to peers or Geography (Y1) events teachers Design purposeful, functional & appealing Make simple predictions products **Mathematics** Generate, model & communicate ideas Number/Calculation **Geometry & Measures** Use range of tools & materials to •Count to / across 100 •Use common vocabulary for Describe position & movement. complete practical tasks •Count in 1s, 2s, 5s and 10s comparison, e.g. heavier, taller, including half and quarter turns Evaluate existing products & own ideas eldentify 'one more' and 'one less' full, longest, quickest •Read & write numbers to 20 ·Begin to measure length, Fractions Build and improve structure & mechanisms ·Use language, e.g. 'more than', capacity, weight •Recognise & use 1/2 & 1/4 Understand where food comes from 'most' •Recognise coins & notes •Use +, - and = symbols •Use time & ordering vocabulary Modern Languages •Know number bonds to 20 •Tell the time to hour/half-hour •Use language of days, weeks, •add and subtract one-digit and two-digit numbers to 20, including months & years •Recognise & name common 2-d ·Solve one-step problems, including and 3-d shapes simple arrays Order & arrange objects Not required at KS1 Science History (KS1)

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

- 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
 - Make and combine sounds musically

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

Chemistry

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

Physics

Observe weather associated with changes of season

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

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

English Reading Writing Grammar Develop phonics until decoding •Spell by segmenting into phonemes •Use .!?, and ' secure Learn to spell common 'exception' Use simple conjunctions Read common suffixes words Begin to expand Read & re-read phonic-appropriate Spell using common suffixes, etc. noun phrases books Use appropriate size letters & •Use some features of Read common 'exception' words spaces standard English Discuss & express views about Develop positive attitude & Speaking & Listening fiction, non-fiction & poetry stamina for writing Articulate & Justify answers Become familiar with & retell Begin to plan ideas for writing olnitiate & respond to comments stories Record ideas sentence-by-sentence Use spoken language to develop Ask & answer questions: make Make simple additions & changes predictions after proof-reading Begin to make inferences Mathematics Number/Calculation **Geometry & Measures** Fractions •Know 2, 5, 10x tables •Begin to use place value (T/U) Count in 2s, 3s, 5s & 10s . Use symbols for £ and p and 2/4 = 1/2•Identify, represent & estimate add/subtract simple sums of less Data

movement

•Know and use standard measures •Find and write simple fractions •Read scales to nearest whole unit •Understand equivalence of e.g. than £1 or in pounds •Interpret simple tables & •Compare / order numbers, inc. <> •Tell time to the nearest 5 minutes pictograms oldentify & sort 2-d & 3-d shapes •Ask & answer comparison •Identify 2-d shapes on 3-d questions •Know number facts to 20 (+ related surfaces •Ask & answer questions Order and arrange mathematical about totalling objects •Use terminology of position &

understanding Geography (Y2) · Design purposeful, functional & appealing products Name & locate world's continents and oceans · Generate, model & communicate ideas Compare local area to a non-European country Use range of tools & materials to Use basic vocabulary to describe a less familiar complete practical tasks Use aerial images and other models to create Evaluate existing products & own ideas simple plans and maps, using symbols Build and improve structure & mechanisms Use simple fieldwork and observational skills to study the immediate environment Understand where food comes from Modern Languages Music (KS1) Sing songs Not required at KS1

Art & Design (KS1)

Develop techniques of colour, pattern, texture,

Learn about range of artists, craftsmen and

Use drawing, painting and sculpture

line, shape, form and space

Use a range of materials

designers

Science Biology

numbers

to 100)

 Differentiate living. dead and non-living

•Write numbers to 100

•Use x and ÷ symbols

of multiplication

Growing plants (water, light, warmth)

Basic needs of animals & offspring

Recognise commutative property

Simple food chains & habitats

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

Key Individuals

Key Concepts

·Lives of significant historical figures, including comparison of those from different periods

History (KS1)

Changes in living memory (linked to aspects of

national life where appropriate)

Significant local people

Key Events

e.g. Bonfire night

Events of local importance

Swimming proficiency at 25m (KS1 or KS2)

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)

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

Religious

Education

Reading

- •Use knowledge to read 'exception' •Use prefixes & suffixes in spelling
- Read range of fiction & non-fiction
 Write simple dictated sentences

- Check own understanding of reading
- Draw inferences & make predictions
- •Retrieve & record information from •Create simple settings & plot non-fiction books
- Discuss reading with others

English

Writing

- Use dictionary to confirm spellings
 Use perfect tense
- Use dictionaries to check meaning
 Use handwriting joins appropriately
 pronouns
- Prepare poems & plays to perform
 Plan to write based on familiar
 - Rehearse sentences orally for writing
 - •Use varied rich vocabulary
 - Assess effectiveness of own and others' writing

Grammar

- Use range of conjunctions
- •Use range of nouns &
- Use time connectives
- ointroduce speech punctuation
- Know language of clauses

Speaking & Listening

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

Art & Design (LKS2)

- Use sketchbooks to collect, record and evaluate
- 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

countries, focussing on Europe & Americas

focus on key physical & human features

Use 8 points of compass, symbols & keys

Use fieldwork to observe, measure & record

Study a region of the UK (not local area)

Describe & understand climate, rivers.

mountains, volcanoes, earthquakes,

settlements, trade links, etc.

Number/Calculation

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

Mathematics

Geometry & Measures

- •Measure & calculate with metric measures
- 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

British History (taught chronologically)

· Stone Age to Iron Age Britain, including:

- hunter-gatherers and early farmers

•Interpret bar charts & pictograms

History

- Bronze age religion, technology & travel

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

Languages (LKS2) Music (LKS2)

- Listen & engage
- Ask & answer questions

Modern

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

Geography (LKS2)

Locate world's

- 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 understanding of history

Science Blology

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

Chemistry

- Classification of rock types
- Simple understanding of fossilisation

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

Brodder History Study

· A local history study, e.g.

- Iron age hill forts

- A depth study linked to a studied period
- A study over a period of time
- A post-1066 study of relevant local 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

Swimming proficiency at 25m (KS1 or KS2)

Religious

Education

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
- oldentify & summarise ideas

English

Writing

- Correctly spell common homophones
- olncrease regularity of handwriting
- oPlan 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

Art & Design (LKS2)

- Use sketchbooks to collect, record and evaluate
- 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

countries, focussing on Europe & Americas

focus on key physical & human features

Use 8 points of compass, symbols & keys

mountains, volcanoes, earthquakes, water

Study a region of the UK (not local area)

Describe & understand climate, rivers,

Number/Calculation

- eKnow all tables to 12 x 12
- •Secure place value to 1000
- Use negative whole numbers
- •Round numbers to nearest 10, 100 •Estimate & calculate measures or 1000
- •Use Roman numerals to 100 (C)
- Column addition & subtraction up
 Identify symmetry to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

Mathematics

Geometry & Measures

- Compare 2-d shapes, including quadrilaterals & triangles
- Find area by counting squares
- Calculate rectangle perimeters
- eldentify acute, obtuse & right angles
- •Use first quadrant coordinates
- •Introduce simple translations
- •Use bar charts, pictograms & line graphs

Fractions & decimals

- •Recognise tenths & hundredths
- Identify equivalent fractions Add & subtract fractions with
- Recognise common equivalents
- Round decimals to whole numbers

common denominators

·Solve money problems

Design & Technology (LKS2) Geography (LKS2)

- · 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

cycle, settlements, trade links, etc. Use fieldwork to observe, measure & record

Music (LKS2)

Locate world's

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

History

British History (taught chronologically)

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

Physical

Broaden vocabulary

Education (LKS2)

Languages (LKS2)

- Use running. jumping, catching and throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance &
- · Compare performances to achieve personal
- Swimming proficiency at 25m (KS1 or KS2)

Religious

(Education

Continue to follow locallyagreed syllabus for RE

Chemistry

Science

Biology

Changes of state

Classify living things

Digestive system & teeth

The water cycle

Food chains

Physics

- Sound as vibrations
- Electricity: simple circuits & conductors

Broader History Study

- · Earliest ancient civilisations, i.e.
 - Ancient Sumer:
 - Indus Valley;
 - Ancient Egypt; or
 - Shang Dynasty of Ancient China

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
- oldentifying & discussing themes
- Learn poetry by heart

Number/Calculation

all four operations

Confidently add & subtract

1.000,000

context

mentally

multiple

Science

Life cycles of plants

Biology

Secure place value to

- 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

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

Speaking & Listening

- •Use commas for clause
- Use brackets, dashes & commas for parenthesis
- Give well-structured explanations

 Consider & evaluate different viewpoints Use appropriate register

Design & Technology (UKS2)

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

- 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

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

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
- •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

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

Modern

& evaluate ideas

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

Music (UKS2)

- Perform with control & expression solo & in ensembles
 - Improvise & compose using dimensions of 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

Chemistry

Classify materials according to a variety of properties

& animals (inc. mammal, insect, bird, amphibian)

Describe changes as humans develop & mature

- 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 & 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 achievements and their influence on the western world

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 & Adventurous activities
- · Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

Religious

Education

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
- Discuss & explain reading, providing reasoned justifications for views

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.
 - hypothesise & explore Use appropriate register & language

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

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

Number/Calculation

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

•Introduce simple use of unknowns

Mathematics

Geometry & Measures

- .Confidently use a range of measures & conversions
- Calculate area of triangles /
- •Use area & volume formulas
- Classify shapes by properties
- .Know and use angle rules

·Calculate mean averages

Data

•Use pie charts

all four quadrants

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 & 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

Geography (UKS2)

- Name & locate countles, 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

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

- · Perform with control & expression solo & in ensembles
 - Improvise & compose using dimensions of 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 & Adventurous activities
- · Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

Religious

Education

Continue to follow locallyagreed syllabus for RE

Science Biology

Classification,

Algebra

including micro-organisms

Health & Lifestyles, incl. circulatory system.

Evolution & Adaptation

Physics

- Light & Shadows; the eve
- Electricity: investigating circuits

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

Forces, including gravity

Broader History Study

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

Curriculum Overview

