# **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 suggested 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
- 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

than', 'most'

zero

Science

Chemistry

**Biology** 

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

Know number bonds to 20

Solve one-step problems,

including simple arrays

Identify basic plants

& name basic body parts

add and subtract one-digit and

two-digit numbers to 20, including

• Use +, - and = symbols

## **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 Ask relevant questions 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
- Maintain attention & participate

• Describe position & movement,

including half and quarter turns

• Recognise & use ½ & ¼

# **Design & Technology (KS1)**

Art & Design (KS1)

Use drawing, painting and sculpture

Develop techniques of colour, pattern,

Learn about range of artists, craftsmen

texture, line, shape, form and space

Use a range of materials

and designers

- 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

#### Languages Modern

### Not required at KS1

Geography (Y1)

• Identify seasonal / daily weather patterns in the UK and the location of hot and cold areas of the world

Computing (KS1)

Use logical reasoning to

Organise, store, retrieve & manipulate data

Communicate online safely and respectfully

Recognise uses of IT outside of school

make predictions

Understand use of algorithms

Write & test simple programs

- Use basic geographical vocabulary to refer to local & familiar features
- Use four compass directions & simple vocab
- Homes in UK and small area in a contrasting non-Euro country.

### Music (KS1)

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

### **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

### History (KS1)

Fractions

### **Key Concepts**

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

#### **Key Individuals**

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

### **Key Events**

- Guy Fawkes Gun powder plot 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**

Continue to follow locallyagreed syllabus for RE

• Observe weather associated with changes of season

• Identify basic plant parts (roots, leaves, flowers,

• Distinguish between objects & materials

• Describe simple properties of some materials

Identify & name common materials

Compare & classify materials

etc.) • Identify & compare common animals • Identify

#### **English** Art & Design (KS1) Computing (KS1) Reading Writing Grammar Use a range of materials • Understand use of algorithms • Spell by segmenting into phonemes • Use. !?, and' Develop phonics until decoding Learn to spell common 'exception' ● Use simple conjunctions secure Use drawing, painting and sculpture Write & test simple programs Read common suffixes words Begin to expand Develop techniques of colour, pattern, Use logical reasoning to • Read & re-read phonic-appropriate • Spell using common suffixes, etc. noun phrases texture, line, shape, form and space make predictions Use appropriate size letters & Use some features of books Learn about range of artists, craftsmen Read common 'exception' words standard English spaces Organise, store, retrieve & manipulate data and designers Discuss & express views about • Develop positive attitude & Speaking & Listening Communicate online safely and respectfully fiction, non-fiction & poetry stamina for writing Articulate & Justify answers Recognise uses of IT outside of school Become familiar with & retell • Begin to plan ideas for writing • Initiate & respond to comments stories • Record ideas sentence-by-sentence • Use spoken language to develop Hot and cold **Design & Technology (KS1)** Geography (Y2) Ask & answer questions; make • Make simple additions & changes understanding areas of world predictions after proof-reading • Design purposeful, functional & appealing in relation to Begin to make inferences equator and • Name & locate products N.S. poles. • Generate, model & communicate ideas world's continents and oceans **Mathematics** • Compare local area to a non-European country Use range of tools & materials to • Use basic vocabulary to describe a less familiar **Fractions** Number/Calculation • **Geometry & Measures** complete practical tasks Know 2, 5, 10x tables • Find and write simple fractions Know and use standard • Use aerial images and other models to create Evaluate existing products & own ideas Begin to use place value (T/U) Understand equivalence of measures • Read scales to nearest simple plans and maps, using symbols Count in 2s, 3s, 5s & 10s whole unit • Use symbols for £ e.g. 2/4 = 1/2Build and improve structure & mechanisms • Use simple fieldwork and observational skills to Data Identify, represent & estimate and p and add/subtract simple Understand where food comes from study the immediate environment • Interpret simple tables numbers sums of less than £1 or in pounds & pictograms Compare / order numbers, inc. <> • Tell time to the nearest 5 Modern Languages Music (KS1) Ask & answer minutes • Identify & sort 2-d & 3-d Write numbers to 100 comparison questions Sing songs shapes • Identify 2-d shapes on 3-Know number facts to 20 (+ Ask & answer questions d surfaces Play tuned & untuned instruments musically about totalling related to 100) • Order and arrange Use x and ÷ symbols mathematical objects Listen & understand live and • Use terminology of position Recognise commutative property recorded music Not required at KS1 of multiplication & movement Make and combine sounds musically History (KS1) Science Biology **Key Concepts** Differentiate living, Changes in living memory (linked to aspects) dead and non-living of national life where appropriate) **Education** (KS1) **Physical** Religious Education Growing plants (water, light, warmth) Basic needs of animals & offspring **Key Individuals** Master basic Simple food chains & habitats Lives of significant historical figures, including comparison of those from movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination different periods Chemistry Identify and compare uses of different materials Significant local people Continue to follow locally-Participate in team games Compare how things move on different surfaces agreed syllabus for RE **Key Events** Perform dances using simple movement The Fire of London Events of local importance

Swimming proficiency at 25m (KS1 or KS2)

### Reading

- Use knowledge to read 'exception'
   Use prefixes & suffixes in spelling
   Use range of conjunctions
- Read range of fiction & non-fiction
   Write simple dictated sentences
- Use dictionaries to check meaning Use handwriting joins appropriately pronouns
- Check own understanding of reading
- Draw inferences & make predictions
- Retrieve & record information from Create simple settings & plot non-fiction books
- Discuss reading with others

Number/Calculation

Learn 3, 4 & 8x tables

digits

subtraction

calculations

Science

Plants, incl. parts,

**Biology** 

• Secure place value to 100

Written column addition &

• Solve number problems, including

multiplication & simple division

and missing number problems

Use commutativity to help

## **English**

## Writing

- Use dictionary to confirm spellings Use perfect tense

- Prepare poems & plays to perform
   Plan to write based on familiar forms
  - Rehearse sentences orally for writing
  - Use varied rich vocabulary

  - Assess effectiveness of own and others' writing

#### Grammar

- 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

### 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

• Locate Europe & S. America focus on key

Study a region of the UK (not local area)

• Use 8 points of compass, symbols & keys

• Use fieldwork to observe, measure & record

physical & human features

• Describe & understand rivers and

### **Mathematics**

### **Geometry & Measures**

- Measure & calculate with metric measures
- Mentally add & subtract units, tens Measure simple perimeter
- or hundreds to numbers of up to 3 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</li>
- Order fractions with common denominator

#### Data

• Interpret bar charts & pictograms

### 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

### 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)

Geography (LKS2

agriculture

- 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

## Religious

**Education** 

Continue to follow locallyagreed syllabus for RE

## **Physical**

Education

(LKS2) Use running, jumping, catching and throwing in isolation and in combination

- lay competitive games, modified as
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests Swimming proficiency 25m

### History

- Iron age hill forts-

### Chemistry

- Classification of rock types
- Simple understanding of fossilisation

lifecycle and requirements for

life • Animals: skeletons & nutrition

#### **Physics**

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

### **British History (taught chronologically)**

- Stone Age to Iron Age Britain, including:
  - hunter-gatherers and early farmers
  - Bronze age religion, technology & travel
  - •Roman Empire & impact on Britain: Julius Caesar's attempted invasion
  - Roman Empire & successful invasion
  - British resistance, e.g. Boudicca - Romanisation of Britain

#### 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

• Know all tables to 12 x 12

• Secure place value to 1000

• Use negative whole numbers

• Round numbers to nearest 10, 100

Column addition & subtraction up

Use standard short multiplication

• Use Roman numerals to 100 (C)

Multiply & divide mentally

Number/Calculation

or 1000

to 4 digits

Science

Food chains

Changes of state

• The water cycle

Chemistry

Classify living things

• Digestive system & teeth

**Biology** 

### **English**

#### Writing

- Correctly spell common homophones
- Increase regularity of handwriting Select pronouns and
- Plan writing based on familiar
- Organise writing into paragraphs
- 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
- nouns for clarity
- Use & punctuate direct speech
- Use simple organisational devices 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
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

### History

### **British History (taught chronologically)**

Anglo-Saxons & Vikings, including:

- Scots invasion
- Invasions, settlements &kingdoms
  - Viking invasions; Edward the Confessor

### **Broader History Study**

- A local history study, Ivybridge
- A depth study over a period of time -**Ancient Egyptians**

### 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)

- 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

Languages

Understand seasonality; prepare & cook mainly savoury dishes

### **Modern** (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

Use running,

#### Education (LKS2) **Physical**

- 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)

## Geography (LKS2)

- Locate world's countries, focus on Europe & Scandinavia focus on key physical & human features
- Study a region of the UK
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, water cycle and settlements.
- Use fieldwork to observe, measure & record

### 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
- Begin to develop understanding of history

## Religious

### Education

Continue to follow locallyagreed syllabus for RE

### **Physics**

- Sound as vibrations
- Electricity: simple circuits & conductors

### Reading

- Apply knowledge of morphology & Secure spelling, inc. homophones, Use expanded noun phrases 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
- Discuss authors' use of language
- Retrieve & present information from non-fiction texts.
- Formal presentations & debates Perform own compositions

### **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

#### Grammar

- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes & commas for parenthesis

#### **Speaking & Listening**

- Give well-structured explanations
  - - 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

• Life cycles of plants

- Use vocabulary of prime, factor &
- 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**

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

- Order & round decimal numbers
- fractions & decimals

# History

#### **British History Study**

• A study of Tudor History

Describe changes as humans develop & mature

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

### Chemistry

Science

**Biology** 

- 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

#### **Broader History Study**

• Non-European society- Ancient Benin (West Africa)

**Ancient Greece** 

### 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 & designer



### 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

#### Moderh Languages (UKS)

- 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

### **Physical**

Education (UKS2)

- Use running, jumping, catching and throwing in isolation and in combination
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventurous activities

Play competitive games, applying basic principles

- 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 (UKS

- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Understand earthquakes, volcanoes and other natural disasters.
- Study N. America
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

### 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

### Religious

Education

Continue to follow locallyagreed syllabus for RE

#### 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

rounding to 10,000,000, including

•All written methods, including long

•Use order of operations (not indices)

•Identify factors, multiples & primes

•Solve multi-step number problems

•Introduce simple use of unknowns

Number/Calculation

•Secure place value &

negatives

division

Algebra

### **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

devicesEnsure 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 knowledgeArticulate arguments & opinions
- Use spoken language to
- speculate, hypothesise & explore
   Use appropriate register & language

### **Mathematics**

### 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

proportion

•Use written division up to 2dp •Introduce ratio &

### Languages (UKS2)

- Listen & engage
- Engage in conversations, expressing opinions

Art & Design (UKS2)

• Improve mastery of techniques such as

Learn about great artists, architects &

drawing, painting and sculpture with varied

**Design & Technology** (UKS2)

• Use research &criteria to develop

products which are fit for purpose

• Use annotated sketches, cross-

Analyse & evaluate existing

products and improve own work

•Use mechanical & electrical systems

section diagrams & computer-

gided design

programming

Modern

and aimed at specific groups

revisit & evaluate ideas

materials

designers

• Use sketchbooks to collect, record, review,

• Speak in simple language & be understood

in own products, including

- 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
- Cook savoury dishes for a healthy & varied diet

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## 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)

### 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 & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas inc. coasts

### 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

### Religious

### Education (UKS2)

counties, cities, regions

Continue to follow locally-agreed syllabus for RE

# Science

### Biology

- •Classification, including microorganisms
- Health & Lifestyles, incl. circulatory system
- •Evolution & Adaptation

#### **Physics**

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

### **History**

# British History (taught chronologically)

 An extended period study – The Victorians and The Industrial Revolution

Significant turning points in

British history – WWI WWII