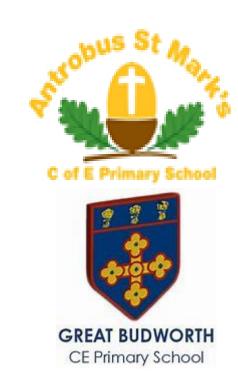
# The Federation of Antrobus St Marks and Great Budworth CE Primary Schools Overview of the Primary Curriculum

This document contains an outline of the content of the National Curriculum.

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 decide on the most appropriate ordering for their situation.



#### **English** Art & Design (KS1) Computing (KS1) Reading Writing Grammar · Use a range of materials · Understand use of algorithms Match graphemes for all phonemes •Name letters of the alphabet Leave spaces between words Read accurately by blending Spell very common 'exception' Begin to use basic Write & test simple programs Use drawing, painting and sculpture words punctuation: . ?! sounds Develop techniques of colour, pattern, texture, Use logical reasoning to make Read words with very common Spell days of the week Use capital letters for line, shape, form and space predictions proper nouns. Use very common prefixes & · Learn about range of artists, craftsmen and Read contractions & understand suffixes Use common plural & verb suffixes Organise, store, retrieve & manipulate data designers Speaking & Listening purpose Form lower case letters correctly Communicate online safely and respectfully Read phonics books aloud Form capital letters & digits Listen & respond appropriately Recognise uses of IT outside of school Link reading to own experiences Compose sentences orally before Ask relevant questions Join in with predictable phrases writing ·Maintain attention & participate Design & Technology (KS1) Geography (Y1) Discuss significance of title & Read own writing to peers or teachers Design purposeful, functional & appealing Make simple predictions Name & locate the four countries and capital cities of the Generate, model & communicate ideas **Mathematics** United Kingdom using atlases & globes Use range of tools & materials to Number/Calculation Geometry & Measures identify seasonal / daily weather patterns in complete practical tasks Count to / across 100 · Describe position & movement, the UK and the location of hot and cold areas Use common vocabulary for Count in 1s, 2s, 5s and 10s including half and quarter turns of the world comparison, e.g. heavier, taller, Evaluate existing products & own ideas full, longest, quickest Use basic geographical vocabulary to refer to Identify 'one more' and 'one less' Build and improve structure & mechanisms ·Begin to measure length, Fractions local & familiar features Read & write numbers to 20 •Recognise & use 1/2 & 1/4 Use four compass directions & simple vocab Use language, e.g. 'more than', capacity, weight Understand where food comes from 'most' Recognise coins & notes Modern Languages Music (KS1) Use time & ordering vocabulary Use +, - and = symbols Tell the time to hour/half-hour Know number bonds to 20 Sing songs Use language of days, weeks. add and subtract one-digit and two-digit numbers to 20, including months & years Play tuned & untuned instruments musically Recognise & name common 2-d zero and 3-d shapes Solve one-step problems, including Listen & understand live and recorded Order & arrange objects Not required at KS1 simple arrays History (KS1) Science Make and combine sounds musically Biology **Key Concepts** Identify basic plants . Changes in living memory (linked to aspects of Identify basic plant parts (roots, leaves, flowers, etc.) national life where appropriate) **Physical** Education (KS1) Religious Education Identify & compare common animals **Key Individuals** Identify & name basic body parts ·Lives of significant historical figures, Master basic Chemistry including comparison of those from movement, e.g. running, jumping, throwing, Distinguish between objects & materials different periods catching, balance, agility and co-ordination Identify & name common materials Significant local people Continue to follow locally- Describe simple properties of some materials · Participate in team games agreed syllabus for RE Compare & classify materials **Key Events** · Perform dances using simple movement e.g. Bonfire night Physics Events of local importance Observe weather associated with changes of season Swimming proficiency at 25m (KS1 or KS2)

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

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Swimming proficiency at 25m (KS1 or KS2)

#### Art & Design (LKS2) Computing (LKS2) English Reading Writing Grammar •Use knowledge to read 'exception' •Use prefixes & suffixes in spelling Use range of conjunctions · Use sketchbooks to collect, record and evaluate · Design & write programs to achieve specific ideas goals, including solving problems Use dictionary to confirm spellings Use perfect tense Read range of fiction & non-fiction Write simple dictated sentences Use range of nouns & Improve mastery of techniques such as drawing, Use logical reasoning •Use dictionaries to check meaning •Use handwriting joins appropriately pronouns painting and sculpture with varied materials Understand computer networks Prepare poems & plays to perform Plan to write based on familiar Use time connectives · Learn about great artists, architects & designers Check own understanding of Introduce speech punctuation Use internet safely and appropriately reading Rehearse sentences orally for Know language of clauses Collect and present data appropriately Draw inferences & make writing Speaking & Listening predictions Use varied rich vocabulary Give structured descriptions Retrieve & record information from ◆Create simple settings & plot Participate activity in conversation Geography (LKS2) Design & Technology (LKS2) non-fiction books Assess effectiveness of own and Consider & evaluate Discuss reading with others different viewpoints others' writing Use research& criteria to develop products which · Locate world's are fit for purpose countries, focussing on Europe & Americas Use annotated sketches and Mathematics focus on key physical & human features prototypes to explain ideas Number/Calculation Geometry & Measures Study a region of the UK (not local area) Fractions & decimals Evaluate existing products and Learn 3. 4 & 8x table Measure & calculate with metric Use & count in tenths Use 8 points of compass, symbols & keys improve own work Secure place value to 100 Recognise, find & write fractions Describe & understand climate, rivers, Mentally add & subtract units, tens Measure simple perimeter Recognise some equivalent mountains, volcanoes, earthquakes, Use mechanical systems in own work or hundreds to numbers of up to 3 Add/subtract using money in settlements, trade links, etc. fractions Understand seasonality; prepare & cook Add/subtract fractions up to <1</li> Use fieldwork to observe, measure & record digits context mainly savoury dishes Written column addition & Use Roman numerals up to XII; Order fractions with common subtraction tell time denominator Languages (LKS2) Music (LKS2) Modern Solve number problems, including Calculate using simple time Data multiplication & simple division problems Interpret bar charts & Listen & engage Use voice & and missing number problems •Draw 2-d / Make 3-d shapes pictograms · Ask & answer questions instruments with increasing accuracy, control Use commutativity to help Identify and use right angles and expression Speak in sentences using familiar vocabulary calculations Identify horizontal, vertical, Improvise & compose music · Develop appropriate pronunciation perpendicular and parallel lines Listen with attention to detail · Show understanding of words & phrases Science History · Appreciate wide range of live & recorded · Appreciate stories, songs, poems & rhymes Biology British History (taught chronologically) Broaden vocabulary Plants, incl. parts, · Stone Age to Iron Age Britain, including: Begin to develop understanding of history lifecycle and requirements for life hunter-gatherers and early farmers Education Education (LKS2) Physical Religious Animals: skeletons & nutrition Bronze age religion, technology & travel Iron age hill forts Use running, Chemistry jumping, catching and throwing in isolation and in combination Classification of rock types Simple understanding of fossilisation Play competitive games, modified as appropriate **Broader History Study** Continue to follow locally-· Develop flexibility & control in gym, dance & A local history study, e.g. agreed syllabus for RE **Physics** athletics A depth study linked to a studied period Sources of light; shadows & reflections · Compare performances to achieve personal - A study over a period of time Simple forces, including magnetism - A post-1066 study of relevant local history

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Swimming proficiency at 25m (KS1 or KS2)

#### **English** Reading Writing Grammar Secure decoding of unfamiliar Correctly spell common Use wider range of conjunctions homophones Use perfect tense appropriately words Read for a range of purposes Increase regularity of handwriting Select pronouns and Retell some stories orally Plan writing based on familiar nouns for clarity Discuss words & phrases that •Use & punctuate capture the imagination Organise writing into paragraphs direct speech Identify themes & conventions Use simple organisational devices Use commas after front adverbials Retrieve & record information Speaking & Listening Proof-read for spelling & Articulate & justify opinions Make inferences & justify punctuation errors predictions Evaluate own and others' writing Speak audibly in Standard English Recognise a variety of forms of Read own writing aloud Gain, maintain & monitor interest of Identify & summarise ideas listeners Mathematics **Geometry & Measures** Number/Calculation Fractions & decimals Compare 2-d shapes, including Know all tables to 12 x 12 quadrilaterals & triangles Recognise tenths & hundredths ·Find area by counting squares Secure place value to 1000 Identify equivalent fractions Calculate rectangle perimeters Use negative whole numbers Add & subtract fractions with Round numbers to nearest 10, 100 Estimate & calculate measures common denominators or 1000 •Identify acute, obtuse & right Recognise common equivalents Use Roman numerals to 100 (C) Round decimals to whole angles Identify symmetry numbers Column addition & subtraction up •Use first quadrant coordinates to 4 digits Solve money problems, Multiply & divide mentally Introduce simple translations Use standard short multiplication Data •Use bar charts, pictograms & line graphs Science History Biology British History (taught chronologically) Roman Empire & impact on Britain: Classify living things - Julius Caesar's attempted invasion Digestive system & teeth Roman Empire & successful invasion Food chains British resistance, e.g. Boudicca

Chemistry

Physics

 Changes of state The water cycle

Sound as vibrations

Electricity: simple circuits & conductors

### 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

#### 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 mainly savoury dishes

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

### 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
- Begin to develop understanding of history

# Physical

# Education (LKS2)

- Use running, jumping, catchin 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)

# Religious

# (Education

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Continue to follow locallyagreed syllabus for RE

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Romanisation of Britain

**Broader History Study** 

Indus Valley;

Ancient Sumer;

Ancient Egypt; or

· Earliest ancient civilisations, i.e.

- 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
- Identifying & discussing themes
- Make recommendations to others
   Develop character, setting and
- Learn poetry by heart

Number/Calculation

all four operations

Confidently add & subtract

1,000,000

context

mentally

multiple

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

# **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

# 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

# **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

### 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 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 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

# Physical

Use running,

# Education (UKS2)

- 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

# Use square and cube numbers 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 &
- 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

#### 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

# Writing

 Use knowledge of morphology & etymology in spelling

**English** 

- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in
- Select grammar & vocabulary for effect
- Use a wide range of cohesive
- 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, ypothesise & 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

Design & Technology (UKS2)

Use research& criteria to develop products which

Use annotated sketches, cross-section

diagrams & computer-aided design

Analyse & evaluate existing

are fit for purpose and aimed at specific groups

products and improve own work

products, including programming

Cook savoury dishes for a healthy & varied diet

Use mechanical & electrical systems in own

# 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

counties, cities, regions & features of UK

hemispheres, tropics, polar circles & time zones

economic activity, distribution of resources, etc.

Study a region of Europe, and of the Americas

Understand biomes, vegetation belts, land use,

Use 4- and 6-figure grid references on OS maps

Understand latitude, longitude, Equator,

# 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 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 / parallelograms
- 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

- Divide fractions by whole
- Solve problems using decimals & percentages
- proportion

History

- Significant turning points in British history

- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- numbers
- •Use written division up to 2dp
- •Introduce ratio &

# 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

Geography (UKS2)

Name & locate

· Perform with control & expression solo & in ensembles

Use fieldwork to record & explain areas

- 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

### Science Biology

Algebra

- Classification, including micro-organisms
- Health & Lifestyles, incl. circulatory system
- Evolution & Adaptation

# Crime & punishment

- The changing power of monarchs

British History (taught chronologically)

· An extended period study, e.g.

Leisure

#### Physical · Use running,

# Education (UKS2)

- 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)

# Religious

# Education

Continue to follow locallyagreed syllabus for RE

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

### **Physics**

### **Broader History Study**

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

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