# **Curriculum Overview for Early Years Foundation Stage**

# **Personal, Social & Emotional Development**

- Building confidence to choose activities and discuss ideas
- Build awareness of needing help, and confidence to ask
- Confidence to speak in a group of familiar peers
- Working as part of a group, following rules where appropriate
- Forming positive relationships with peers and adults
- Playing co-operatively, taking turns

# **Communication & Language**

- Listening attentively, including while completing tasks
- Listening to stories and responding to prompts and ideas
- Following instructions to carry out activities
- Expression of ideas, including real-life and fictional ideas
- Using past, present and future forms of language



# **Physical Development**

- Developing control and coordination of movement
- Handling equipment and tools, including for writing
- Learning about healthy diet and exercise
- Managing their own hygiene and personal needs

- Literacy
- Use phonics to decode straightforward words
- Read simple sentences
- Discuss what has been read
- Use phonics knowledge to write simple words and sentences

# **Mathematics**

- Count reliably with numbers up to 20
- Use counting on and number knowledge for simple addition
  - Begin to recognise and describe simple patterns
  - Use everyday language to talk about size, position, time, etc.
  - Use mathematical language to describe shapes and objects

# **Understand the World**

- Talk about events in their own lives and that of their family
- Know about similarities and differences between communities.
- Talk about similarities and differences between objects
- Make observations of plants and animals
- Recognise that technology is used in homes and schools

# **Expressive Arts & Design**

- Experiment with songs, music and dance
- Use a range of artistic materials, tools and techniques
- Work imaginatively to create new works
- Represent ideas through art, music, role-play, dance and stories

# **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

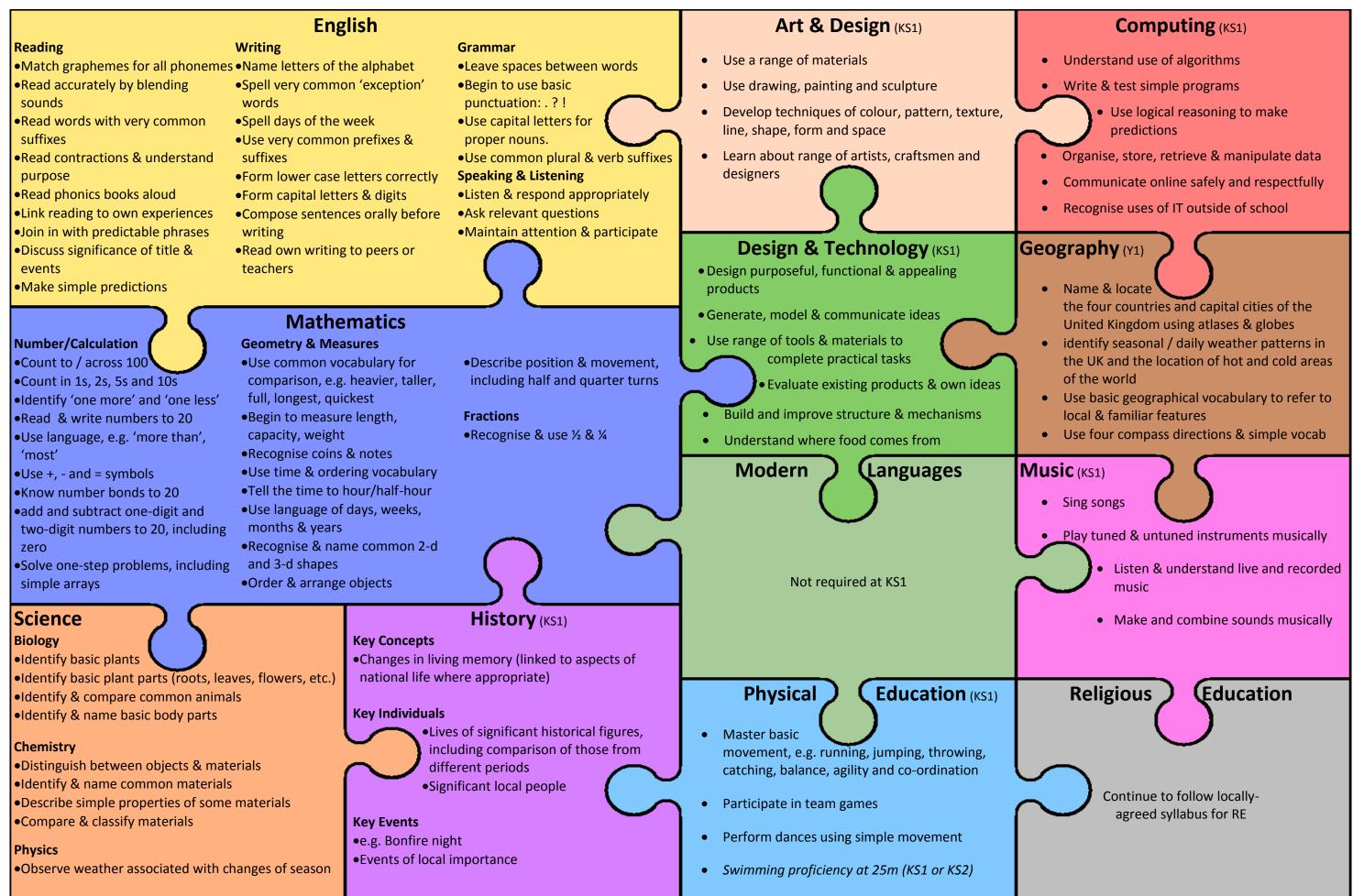
Core subjects (English, Maths & Science) are presented in a year-by-year format, based on the outlines given in the National Curriculum. History is also presented in this format, based on a suggested programme.

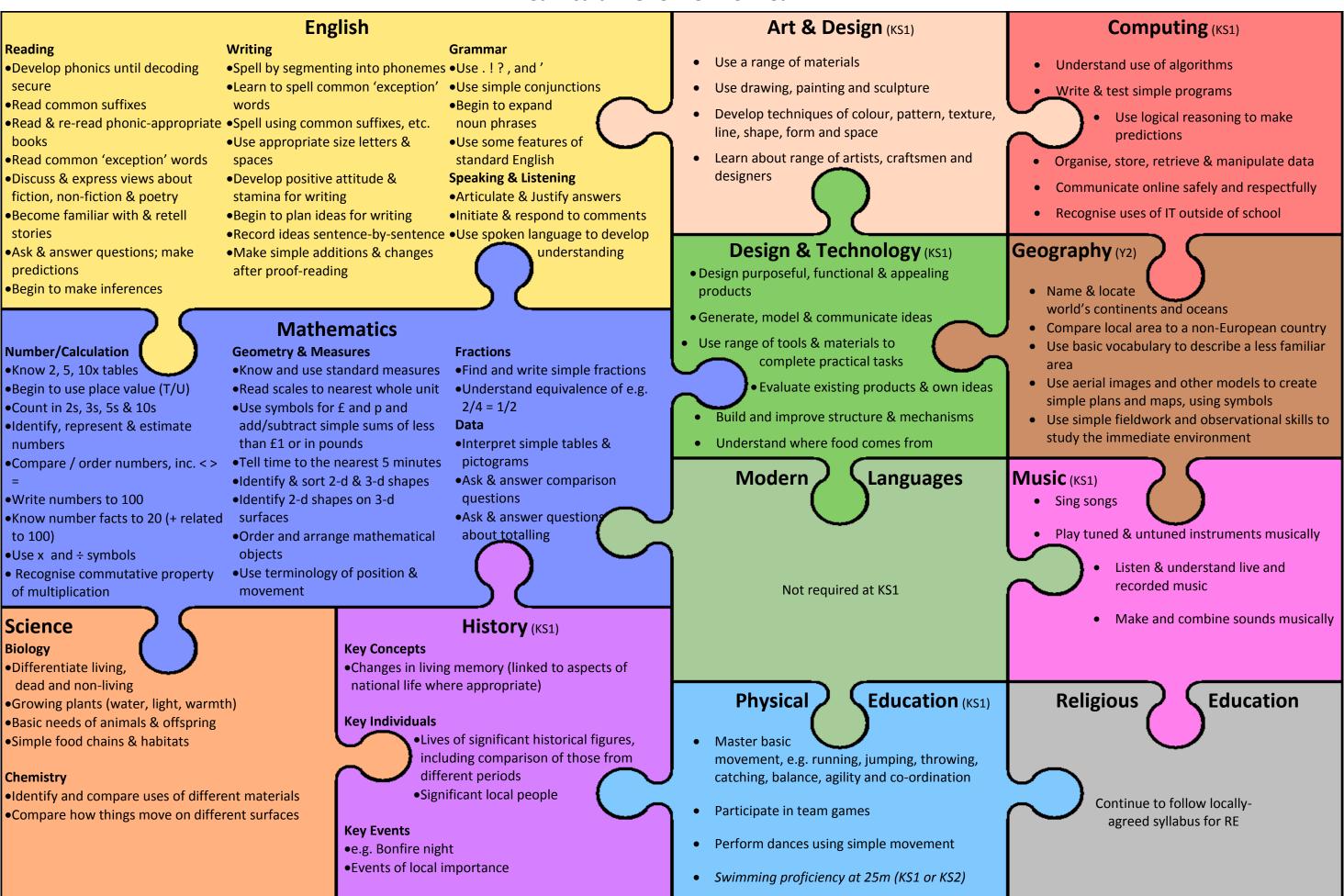
All other subjects are presented in two-year sections, dividing KS2 into Lower and Upper Key Stages.

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.



Organised by Michael Tidd, 2013





#### English Art & Design (LKS2) Writing Grammar •Use knowledge to read 'exception' •Use prefixes & suffixes in spelling •Use range of conjunctions • Use sketchbooks to collect, record and evaluate ideas •Use dictionary to confirm spellings •Use perfect tense •Use range of nouns &

Introduce speech punctuation

•Know language of clauses

Give structured descriptions

Participate activity in conversation

Recognise, find & write fractions

•Add/subtract fractions up to <1

•Order fractions with common

Recognise some equivalent

Consider & evaluate

different viewpoints

•Use time connectives

**Speaking & Listening** 

Fractions & decimals

fractions

Data

denominator

pictograms

•Use & count in tenths

•Interpret bar charts &

- painting and sculpture with varied materials
- Learn about great artists, architects & designers



## **Design & Technology** (LKS2)

• Use research& criteria to develop products which are fit for purpose

 Evaluate existing products and improve own work

Use mechanical systems in own work

Languages (LKS2)

Education (LKS2)

• Understand seasonality; prepare & cook mainly savoury dishes

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

# **Physical**

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

# Reading

- words
- •Read range of fiction & non-fiction •Write simple dictated sentences
- •Use dictionaries to check meaning •Use handwriting joins appropriately pronouns
- Prepare poems & plays to perform Plan to write based on familiar
- 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
- •Secure place value to 100
- •Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
- Written column addition & subtraction
- •Solve number problems, including multiplication & simple division and missing number problems •Use commutativity to help
- calculations

# **Mathematics Geometry & Measures**

measures

•Rehearse sentences orally for

Assess effectiveness of own and

•Use varied rich vocabulary

- Add/subtract using money in context
- •Use Roman numerals up to XII; tell time
- problems

- Identify horizontal, vertical, perpendicular and parallel lines

### Science

#### Biology

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

#### Chemistry

- •Classification of rock types
- Simple understanding of fossilisation

#### Physics

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

**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 post-1066 study of a relevant period in local history

forms

writing

others' writing

- •Measure & calculate with metric •Measure simple perimeter

•Calculate using simple time

- •Draw 2-d / Make 3-d shapes
- Identify and use right angles

## History

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

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

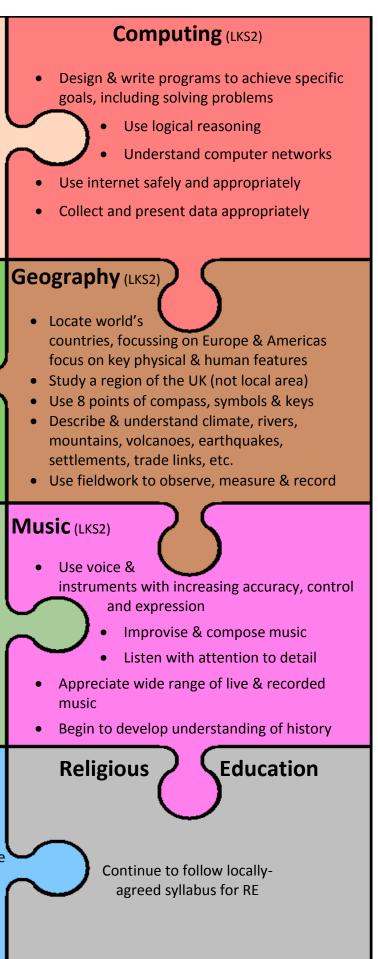


- Improve mastery of techniques such as drawing,

- Use annotated sketches and prototypes to explain ideas

# Modern

- Listen & engage



#### 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

Number/Calculation

•Know all tables to 12 x 12

Secure place value to 1000

• Multiply & divide mentally

•Use negative whole numbers

•Round numbers to nearest 10, 100

•Use Roman numerals to 100 (C)

Column addition & subtraction up

•Use standard short multiplication

- •Recognise a variety of forms of poetry
- Identify & summarise ideas

# English

- Writing
- •Correctly spell common homophones
- Increase regularity of handwriting •Plan writing based on familiar
- forms •Organise writing into paragraphs
- •Use simple organisational devices Proof-read for spelling &
- punctuation errors

**Geometry & Measures** 

•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

#### **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

Data

### History

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

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

#### **Broader History Study**

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

# 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



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

# Physical

- Education (LKS2)
- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Swimming proficiency at 25m (KS1 or KS2)

#### 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

Mathematics

•Introduce simple translations

•Use bar charts, pictograms & line graphs

### Science

or 1000

to 4 digits

### Biology

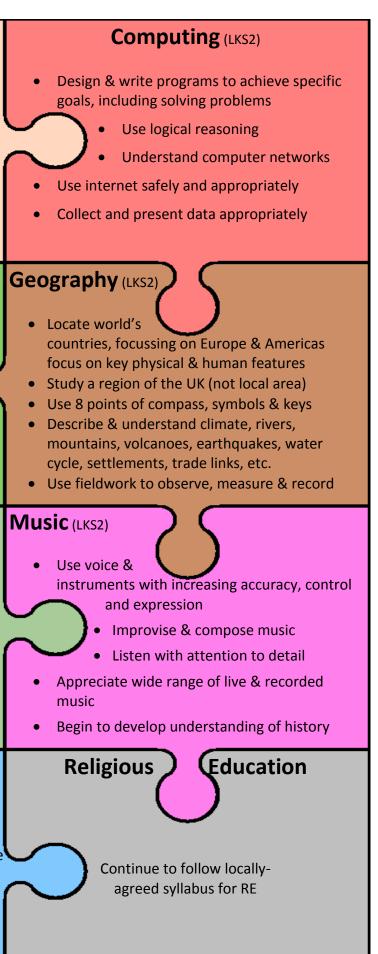
•Classify living things Digestive system & teeth •Food chains

#### Chemistry

•Changes of state •The water cycle

#### Physics

- Sound as vibrations
- •Electricity: simple circuits & conductors



# English

#### Reading Writing Apply knowledge of morphology & Secure spelling, inc. homophones, •Use expanded noun phrases etymology when reading new prefixes, silent letters, etc. •Use modal & passive verbs words •Use a thesaurus •Use relative clauses •Reading & discuss a broad range of •Legible, fluent handwriting Use commas for clauses genres & texts Plan writing to suit audience & •Use brackets, dashes Identifying & discussing themes & commas for parenthesis purpose •Make recommendations to others •Develop character, setting and **Speaking & Listening** •Learn poetry by heart atmosphere in narrative • Give well-structured explanations •Draw inference & make predictions •Use organisational & presentational •Command of Standard English •Discuss authors' use of language features •Consider & evaluate •Retrieve & present information •Use consistent appropriate tense different viewpoints from non-fiction texts. Proof-reading Jse appropriate •Formal presentations & debates •Perform own compositions register

**Mathematics** 

•Convert between different units

shapes & area of rectangles

•Estimate volume & capacity

•Measure & identify angles

Reflect & translate shapes

•Understand regular polygons

Interpret tables & line graphs

•Solve questions about line graphs

•Calculate perimeter of composite

**Geometry & Measures** 

Identify 3-d shapes

Data

#### Number/Calculation

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

### Science

#### Biology

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

#### Chemistry

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

#### Physics

- Understand location and interaction of Sun, Earth & Moon
- Introduce gravity, resistance & mechanical forces

#### Grammar

#### 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

# 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

# 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 own products, including programming
- Cook savoury dishes for a healthy & varied diet

# Modern

- Languages (UKS2)
- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, 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 & 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 (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





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

Number/Calculation

negatives

division

indices)

•Secure place value &

 Discuss & explain reading, providing reasoned justifications for views

rounding to 10,000,000, including

•All written methods, including long

•Use order of operations (not

# English

- •Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style

Writing

- •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

### **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
- Identify factors, multiples & primes
  Translate & reflect shapes, using

# all four guadrants

•Calculate mean averages

Data

#### Algebra

•Introduce simple use of unknowns •Use pie charts

•Solve multi-step number problems

# Science

# Biology

Classification,

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

#### **Physics**

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

#### 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



#### 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

### 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)

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