English Reading Writing Grammar •Match graphemes for all phonemes •Name letters of the alphabet •Leave spaces between words Spell very common 'exception' Read accurately by blending Begin to use basic words punctuation: . ?! sounds •Read words with very common •Spell days of the week •Use capital letters for suffixes •Use very common prefixes & proper nouns. •Read contractions & understand suffixes

- •Use common plural & verb suffixes **Speaking & Listening**
- Listen & respond appropriately
- Ask relevant questions
- Maintain attention & participate

Mathematics

•Form lower case letters correctly

Compose sentences orally before

•Form capital letters & digits

Read own writing to peers or

Geometry & Measures

writing

teachers

- Use common vocabulary for comparison, e.g. heavier, taller, full, longest, quickest
- •Begin to measure length, capacity, weight
- •Recognise coins & notes
- Use time & ordering vocabulary
- •Tell the time to hour/half-hour
- •Use language of days, weeks, months & years
- •Recognise & name common 2-d and 3-d shapes
- Order & arrange objects

 Describe position & movement, including half and quarter turns

Fractions

•Recognise & use ½ & ¼

Science

simple arrays

purpose

•Read phonics books aloud

•Link reading to own experiences

•Join in with predictable phrases

•Discuss significance of title &

Make simple predictions

Number/Calculation

Count to / across 100

•Use +, - and = symbols

•Know number bonds to 20

•Count in 1s, 2s, 5s and 10s

•Read & write numbers to 20

•Use language, e.g. 'more than',

•add and subtract one-digit and

two-digit numbers to 20, including

•Solve one-step problems, including

•Identify 'one more' and 'one less'

Biology

zero

'most'

Identify basic plants

- •Identify basic plant parts (roots, leaves, flowers, etc.)
- •Identify & compare common animals
- Identify & name basic body parts

Chemistry

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

Physics

Observe weather associated with changes of season

History (KS1)

Key Concepts

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

Key Individuals

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

Key Events

- •e.g. Bonfire night
- Events of local importance

Art & Design (KS1)

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers

Computing (KS1)

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

Design & Technology (KS1)

- Design purposeful, functional & appealing products
- Generate, model & communicate ideas
- Use range of tools & materials to complete practical tasks
 - Evaluate existing products & own ideas
 - Build and improve structure & mechanisms
 - Understand where food comes from

Geography (Y1)

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

Modern

Languages

Not required at KS1

Music (KS1)

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

Physical

Education (KS1)

- Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination
- Participate in team games
- Perform dances using simple movement
- Swimming proficiency at 25m (KS1 or KS2)

Religious

Education

Continue to follow locallyagreed syllabus for RE

Created by Michael Tidd 2013 www.primarycurriculum.me.uk

Reading Develop phonics until decoding secure Read common suffixes books Discuss & express views about Become familiar with & retell

- •Read & re-read phonic-appropriate •Spell using common suffixes, etc.
- •Read common 'exception' words
- fiction, non-fiction & poetry
- stories
- •Ask & answer questions; make predictions

Begin to use place value (T/U)

•Identify, represent & estimate

Compare / order numbers, inc. < >

Recognise commutative property

Begin to make inferences

Number/Calculation

•Know 2, 5, 10x tables

•Count in 2s, 3s, 5s & 10s

•Write numbers to 100

•Use x and ÷ symbols

of multiplication

English

•Spell by segmenting into phonemes •Use .!?, and'

- •Learn to spell common 'exception' •Use simple conjunctions words
- Use appropriate size letters & spaces
- Develop positive attitude & stamina for writing

Writing

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

Grammar

- Begin to expand noun phrases

Fractions

2/4 = 1/2

pictograms

auestions

about totalling

Data

•Use some features of standard English

Speaking & Listening

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

•Find and write simple fractions

•Understand equivalence of e.g.

Interpret simple tables &

Ask & answer comparison

Ask & answer questions

understanding

Art & Design (KS1)

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers

Computing (KS1)

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

Design & Technology (KS1)

- Design purposeful, functional & appealing products
- Generate, model & communicate ideas
- Use range of tools & materials to complete practical tasks
 - Evaluate existing products & own ideas
- Build and improve structure & mechanisms
- Understand where food comes from

Geography (Y2)

- Name & locate world's continents and oceans
- Compare local area to a non-European country
- Use basic vocabulary to describe a less familiar
- Use aerial images and other models to create simple plans and maps, using symbols
- Use simple fieldwork and observational skills to study the immediate environment

Modern

Languages

Music (KS1)

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

Mathematics

Geometry & Measures

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

History (KS1)

Key Concepts

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

Key Individuals

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

Physical

Education (KS1)

 Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination

Not required at KS1

- 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

Science

to 100)

numbers

Biology

- Differentiate living, dead and non-living
- Growing plants (water, light, warmth)
- Basic needs of animals & offspring
- Simple food chains & habitats

Chemistry

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

Key Events

- •e.g. Bonfire night
- Events of local importance

Reading

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

or hundreds to numbers of up to 3

Solve number problems, including

multiplication & simple division

and missing number problems

Use commutativity to help

Discuss reading with others

Number/Calculation

•Learn 3, 4 & 8x tables

•Secure place value to 100

Written column addition &

English

Writing

- •Use dictionary to confirm spellings
- •Use dictionaries to check meaning •Use handwriting joins appropriately pronouns
- •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 conjunctions
- Use perfect tense
- •Use range of nouns &
- Use time connectives
- •Introduce speech punctuation
- Know language of clauses

Speaking & Listening

- •Give structured descriptions
- Participate activity in conversation

Consider & evaluate different viewpoints

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

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

• Use 8 points of compass, symbols & keys

• Describe & understand climate, rivers,

mountains, volcanoes, earthquakes,

• Use fieldwork to observe, measure & record

settlements, trade links, etc.

Geography (LKS2)

Locate world's

Mathematics

Geometry & Measures

- •Measure & calculate with metric measures
- Measure simple perimeter
- Mentally add & subtract units, tens 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
- 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

Modern

• Ask & answer questions

Listen & engage

improve own work

• Use mechanical systems in own work

Evaluate existing products and

Speak in sentences using familiar vocabulary

• Understand seasonality; prepare & cook mainly savoury dishes

Develop appropriate pronunciation

• Show understanding of words & phrases

Appreciate stories, songs, poems & rhymes

Languages (LKS2) 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

Science

digits

subtraction

calculations

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

History

British History (taught chronologically)

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

- A depth study linked to a studied period

- A post-1066 study of relevant local history

- Iron age hill forts

• A local history study, e.g.

- A study over a period of time

Broader History Study

Physical

Broaden vocabulary

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

Continue to follow locallyagreed syllabus for RE

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

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
- 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 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

Number/Calculation

- •Know all tables to 12 x 12
- •Secure place value to 1000
- Use negative whole numbers
- •Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition & subtraction up 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
- 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)

Roman Empire & impact on Britain:

- British resistance, e.g. Boudicca

- Julius Caesar's attempted invasion

- Roman Empire & successful invasion

Romanisation of Britain

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)

- 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

Education (LKS2) **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
- Swimming proficiency at 25m (KS1 or KS2)

Geography (LKS2)

- 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

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

Chemistry

•Food chains

Science

Biology

Changes of state

Classify living things

Digestive system & teet

•The water cycle

Physics

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

Broader History Study

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

Life cycles of plants

Confidently add & subtract

1,000,000

context

mentally

Science

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 &

•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
- Use commas for clause.
- Use brackets, dashes & commas for parenthesis

Speaking & Listening

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

Mathematics

Geometry & Measures

- Convert between different units
- •Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity
- •Identify 3-d shapes
- Measure & identify angles
- Understand regular polygons Reflect & translate shapes
- **Data**
- •Interpret tables & line graphs
- Solve questions about line graphs •Multiply & divide by powers of ten

•Compare & order fractions

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

 - Viking invasions; Danegald
 - Edward the Confessor

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 &
- •Introduce gravity, resistance & mechanical forces

- - Invasions, settlements & kingdoms

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) Geography (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

Engage in conversations, expressing opinions

• Speak in simple language & be understood

Adapt known language to create new ideas

Develop appropriate pronunciation

Show understanding in simple reading

• Understand basic grammar, e.g. gender

Present ideas & information orally

• Describe people, places & things

Music (UKS2)

 Perform with control & expression solo & in ensembles

& communication

Name & locate

Improvise & compose using dimensions of music

Computing (UKS2)

• Design & write programs to solve problems

Understand uses of networks for collaboration

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,

• Use fieldwork to record & explain areas

Use sequences, repetition, inputs,

variables and outputs in programs

Detect & correct errors in programs

- 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

Modern

• Listen & engage

Education (UKS2)

Languages (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

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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

•Solve multi-step number problems

•Use order of operations (not

Number/Calculation

negatives

division

indices)

Algebra

•Secure place value &

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, ypothesise & explore Use appropriate register & language

• Learn about great artists, architects & designers

& evaluate ideas

Art & Design (UKS2)

• Use sketchbooks to collect, record, review, revisit

• Improve mastery of techniques such as drawing,

painting and sculpture with varied materials

Design & Technology (UKS2)

• Use research& criteria to develop products which

are fit for purpose and aimed at specific groups

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,

Mathematics

- Confidently use a range of
- Calculate area of triangles /
- •Use area & volume formulas
- Classify shapes by properties
- •Know and use angle rules
- •Identify factors, multiples & primes •Translate & reflect shapes, using all four quadrants

- •Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole
- percentages
- proportion

Geometry & Measures

- measures & conversions
- parallelograms

Data

- •Introduce simple use of unknowns •Use pie charts
 - Calculate mean averages

Fractions, decimals & percentages

- Compare & simplify fractions

- numbers
- Solve problems using decimals &
- •Use written division up to 2dp
- Introduce ratio &

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

Languages (UKS2) Music (UKS2) Modern

• Listen & engage

athletics

- 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

Education (UKS2) Physical .

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

Religious

Education

Continue to follow locallyagreed syllabus for RE

Science

Biology

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

Physics

Forces, including gravity

- •Light & Shadows; the eye

- 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

Broader History Study

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