CURRICULUM 2016/17 OVERVIEW FOR YEAR 3

English

Reading

- Use knowledge to read 'exception' words
- Read range of fiction & non-fiction
- Use dictionaries to check meaning
- Prepare poems & plays to perform
- Check own understanding of reading
- Draw inferences & make predictions
- Retrieve & record information from non-fiction books
- Discuss reading with others

Writing

- Use prefixes & suffixes in spelling
- Use dictionary to confirm spellings
- Write simple dictated sentences
- Use handwriting joins appropriately
- Plan to write based on familiar forms
- Rehearse sentences orally for writing
- Use varied rich vocabulary
- Create simple settings & plot
- Assess effectiveness of own and others' writing

Grammar

- Use range of conjunctions
- Use perfect tense
- Use range of nouns & pronouns
- Use time connectives
- Introduce speech punctuation
- Know language of clauses

Speaking & Listening

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

Music

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

Physical Education

- 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*

Design & Technology

- 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

Art & Design

- 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

Religious Education

Judaism

- Beliefs & Questions
- Teaching & Authority
- Inspirational People

Christianity

- Worship, Sacred Places and Pilgrimage
- Celebration:
  - Christmas – focus on Gifts/ Gift Bringers
  - Easter – focus on story through eyes of Mary, Peter and Centurion.
- Religion, family & community
- Inspirational People

Islam

- Beliefs & Questions
- Teachings & Authority
- Inspirational People
- Religion & the Individual
- Worship, Sacred Places & Pilgrimage

Symbols & Religious Expression

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

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*

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Mathematics

Number/Calculation

- Learn 3, 4 & 8x tables
- Secure place value to 1000
- 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

Geometry & Measures

- Measure & calculate with metric measures
- Measure simple perimeter
- Add/subtract using money in context
- Use Roman numerals up to XII; tell the 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

Data

- Interpret bar charts, tables & pictograms
- Solve 1 & 2 step questions using given data

Fractions, decimals & percentages

- Use & count in tenths
- Recognise, find & write fractions
- Recognise some equivalent fractions
- Add/subtract fractions up to 1
- Order fractions with common denominator
- Solve problems using above fraction knowledge.

Science *(Using Kent Syllabus)*

Plants:

- Identify and describe the functions of different parts of plants; roots, stem, leaves and flowers.
- Explore the requirements of plants for life and growth (air, light, nutrients from soil and room to grow) and how they vary from plant to plant.
- Investigate the ways in which water is transported within plants.
- Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

Animals including Humans:

- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- Identify that humans and some animals have skeletons and muscles for support, protection and movement.

Forces and Magnets:

- Compare how things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance
- Observe how magnets attract or repel each other and attract some materials and not others
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- Describe magnets as having two poles
- Predict whether two magnets will attract or repel each other, depending on which poles are facing.

Light:

- Recognise that they need light in order to see things and that dark is the absence of light
- Notice that light is reflected from surfaces
- Recognise that light from the sun can be dangerous and there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by a solid object
- Find patterns in the way that the sizes of shadows change.

Rocks:

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- Describe in simple terms how fossils are formed when things that have lived are trapped within rock
- Recognise that soils are made from rocks and organic matter.

Modern Languages

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocab
- Develop appropriate pronunciation
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary
- Write phrases from memory
- Describe people, places, things and actions, both orally and in writing

Computing

- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Select and use search engines effectively
- Use internet safely and appropriately
- Collect and present data appropriately

Geography

- 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