# **Curriculum Overview for Year 5**

### Reading

Apply knowledge of morphology & 
Secure spelling, inc. homophones, etymology when reading new words Reading & discuss a broad range of Use a thesaurus genres & texts

- Identifying & discussing themes
- Make recommendations to others purpose
- Learn poetry by heart

from non-fiction texts.

**Number/Calculation** 

Secure place value

all four operations

to 1,000,000

context

multiple

Year 5

Life cycles and

reproduction

Chemistry

Dissolving

Earth & Moon

Physics

**Biology** 

- Draw inference & make predictions atmosphere in narrative
- Discuss authors' use of language Retrieve & present information
- Programme Presentations & debates

Use negative whole numbers in

Use Roman numerals to 1000 (M)

Use standard written methods for

Confidently add & subtract mentally

Use vocabulary of prime, factor &

Multiply & divide by powers of ten

Understand mixtures & solutions

2 Understand the location and interaction of Sun,

Porces – friction, air resistance, levers and pulleys

Sorting and testing materials

Use square and cube numbers

# **Year 5 English**

### Writing

prefixes, silent letters, etc.

- Legible, fluent handwriting Plan writing to suit audience &
- Develop character, setting and
- 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 clauses Use brackets, dashes 8
- commas for parenthesis

#### **Speaking & Listening**

- ② Give well-structured explanations
- ② Consider & evaluate different

viewpoints

# Use appropriate register

### **Year 5 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

Science

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

**Year 5 History** 

contrasts with British history

2 Non-European society that provides

Early Islamic civilisation including a

study of Baghdad circa A.D. 900

The Mayan civilisation

② A local history study

(Victorian Manchester)

- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

# Year 5

# **Spanish**

- 2 Listen & engage
- Engage in conversations, expressing opinions

Year 5 Art & Design

Improve mastery of techniques such as drawing,

Learn about great artists, architects & designers

**Year 5 Design & Technology** 

Analyse & evaluate existing

Cook savoury dishes for a healthy & varied diet

products and improve own work

Use mechanical & electrical systems in

own products, including programming

fit for purpose and aimed at specific groups

Use annotated sketches, cross-section diagrams & computer-aided design

Use research& criteria to develop products which are

2 Use sketchbooks to collect, record, review,

painting and sculpture with varied materials

revisit & evaluate ideas

- 2 Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally and in writing
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Develop grammar use in sentences

# Year 5 **Physical**

# **Education**

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility and control in gym, dance and
- ② Compare performances to achieve personal bests

# **Year 5 Computing**

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

### Year 5

# Geography

- Name & locate
- counties, cities, regions & features of UK
- Human geography including trade links and
- distribution of natural resources
- Physical geography Mountains
- Use maps, atlases, globes and digital mapping to locate countries and describe features
- ② Use 4- and 6-figure grid references on OS maps
- 2 Use fieldwork to record & explain areas

# Year 5

### Music

- 2 Perform with control and expression solo and in
  - Improvise & compose using dimensions

  - Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music,
- including great musicians & composers

# Year 5

**Religious** 

**Education** 

- ☑ Judaism The Torah Christianity – The Bible
- ☑ Hinduism Sacred Texts
- Islam The Qu'ran ☑ Sikhism – The Guru Granth Sahib
- Buddhism Sacred Texts

### Template created by Michael Tidd 2013

Introduction to gravity

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