# Curriculum Overview for Year 4 ~ Spring Term 2016 (Mysterious Maya)

### English Reading

- Apply growing knowledge to read aloud and understand new words and those that are exceptions to the rules.
- Listen and respond to a wide range of reading material.
- Discuss techniques that capture the reader's interest and imagination.
- When reading independently, check the recording. text makes sense to them and ask questions to improve their understanding.
- Draw inferences and justify them with evidence.
- Summarise ideas drawn from more than errors. one paragraph.

Reading comprehension, Mayan creation stories, writing explanation texts, Mayan character poetry, drama. Writing

- Use prefixes and suffixes and explore homophones further.
- Use the possessive apostrophe accurately.
- Use a dictionary to check spellings.
- Join handwriting and increase its legibility, consistency and quality.
- Plan writing through discussion and • Draft and write with a rich vocabulary
- and use paragraphs and headings. • Evaluate and edit their own and others'
- Proof-read for spelling and punctuation
- Read aloud their own writing to engage

# Grammar

- Extend the range of sentences with more than one clause.
- Use commas after fronted adverbials.
- Use conjunctions, adverb and prepositions.
- Use apostrophes accurately.
- Use and punctuate direct speech.
- Use and understand grammatical terminology.



#### Number

- Order and compare numbers beyond 1000.
- Round any number to the nearest 10, 100 or 1000.
- Count backwards through zero to include negative numbers.
- Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens, and ones).
- Read Roman numerals to 100 (I to C).
- Add, subtract and multiply numbers using the formal written methods.
- Start to solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

#### **Mathematics**

- Estimate and use inverse operations to check answers to a calculation.
- Recognise and write decimal equivalents to fractions.
- Learn multiplication and division facts for times tables up to  $12 \times$
- Use place value and other number facts to multiply and divide
- Solve number and practical problems.
- Recognise equivalent fractions.
- Start to solve problems involving fractions.

#### Measure

- Convert between different units of measure (for example, kilometre to metre; hour to minute).
- Measure and calculate area and perimeter.
- Read, write and convert time between analogue and digital 12and 24-hour clocks.
- Solve problems involving measure.

• Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Design & Technology

Art & Design

• Create sketch books to record observations and use them to

• Improve mastery of art and design techniques, including

drawing, painting and sculpture with a range of materials

Mayan mosaics, Mayan names in chalk pastels.

review and revisit ideas.

(e.g. pencil, paint, clay).

- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
- Understand and use electrical systems in their products (for example, series circuits incorporating switches, bulbs, buzzers and motors).

Exploring foods discovered by the Mayans, making foods using these ingredients, possibly using DT in our Science

### PSHE &

• Going for Goals

breaststroke).

• Safety and Citizenship

## Computing

- Design, write and debug simple programs.
- Use sequence, selection, and repetition in programs.
- Explain how simple algorithms work.
  - Continue to use technology safely, respectfully and responsibly.

'Scratch'.

### Geography

• Describe and south eastern Mexico American geography.

understand key aspects of and northern Central

Use maps, atlases, globes and digital/computer mapping to locate countries.

Study of modern Mexico and Central America. Investigation of the ancient Mayan civilisation.

### Music

- Play and perform and playing musical increasing accuracy,
- together, using their voices instruments with fluency, control and expression.
- Listen with attention to detail and recall sounds with increasing aural memory.
- Use and understand staff and other musical
- Begin to appreciate and understand a wide range of music drawn from different traditions.
- Begin to develop an understanding of the history of music. Key 2 Music lessons; singing; history of music.

## Physical,

#### Education • Play competitive games and apply basic

- principles suitable for attacking and defending.
- Develop flexibility, strength, technique, control and balance (mostly through gymnastics).
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best. Swim competently, confidently and proficiently over an
- increasing distance. • Use a range of strokes (e.g. front crawl, backstroke and
- Perform safe self-rescue in different water-based situations Tag rugby and football, gymnastics, swimming.

Citizenship

# Religious

 Understand the - gods, festivals and

#### Education main features of Hinduism

symbolism.

- Understand the importance of Easter to Christians.
  - Hindusim and Christianity

# Languages – French

• Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases, whilst learning vocabulary for the weather, numbers, school and

### Science

Electricity:

- Identify common electricity.
- Build a simple series electrical circuit, identifying and naming its basic parts (including cells, wires, bulbs, switches and buzzers).

appliances that run on

- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp will light.
- Recognise some common conductors and insulators, and associate metals with being good conductors.

# History

- Develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within the periods studied.
- Note connections, contrasts and trends over time and develop the appropriate use of historical terms.
  - Consider change, cause, similarity and difference, and significance in history.
  - Organise historical information from a range of sources.
- Understand how our knowledge of the pas comes from a range of sources.

History of the ancient Mayan civilisation during their Classical Period to 900BC.

Template created by Michael Tidd 2013