# Curriculum Overview for Year 4 ~ Autumn Term 2017 (Stones, Bones and Thrones)

#### Reading

Number -

Place Value

number.

Science

States of matter:

• Compare and group

100 or 1000.

• Count in multiples of

beyond 1000.

6, 7, 9, 25 and 100.

• Order and compare numbers

include negative numbers.

hundreds, tens, and ones).

• Count backwards through zero to

in a 4-digit number (thousands,

• Find 1000 more or less than a given

Round any number to the nearest 10,

numbers using different representations.

Identify, represent and estimate

Recognise the place value of each digit

- Applying growing knowledge to read aloud and understand new words, including those that are exceptions to the rules.
- Listening and responding to a wide range of reading material for different
- Discussing techniques that capture the reader's interest and imagination.
- When reading independently, checking the text makes sense to them and asking questions to improve their understanding.
- Drawing inferences and justifying them with evidence.
- Summarising ideas drawn from more than one paragraph.

## English

#### Writing

- Use prefixes and suffixes and explore homophones further.
- Learn to check the spelling of a word in a dictionary.
- 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

#### Grammar

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

Genres include: Narratives, Poetry,

> Non-chronological, reports, Suspense writing.

# **Mathematics**

Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

#### Number - Multiplication & Division

- Recall and use multiplication and division facts for multiplication tables up to 12 x 12.
- Use place value, known and derived facts to multiply and divide mentally.
- Recognise and use factor pairs and • Read Roman numerals to 100 (I to C). commutatively in mental calculations.
  - Multiply two digit and three digit numbers by a one digit number using formal written layout.

#### Measurement - Area

• Find the area of rectilinear shapes by counting squares.

#### Number - Addition & Subtraction

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction twostep problems in contexts, deciding which

operations and methods to use and why.

# History

- Develop a chronologically secure knowledge and understanding of British 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 past comes from a range of sources.

Stones, Bones and Thrones (changes in Britain from the Stone Age to the Iron Age).

## Art & Design

- Create sketch books to record observations and use them to review and revisit ideas.
- Improve mastery of art and design techniques, including

Cave art drawings, observational drawing of artefacts, sculpting a Bronze age beaker.

## 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.

Use 'Scratch' to devise a comic book sequence.

#### Design & Technology Geography

- Design functional, appealing products, fit for purpose.
- Develop and communicate ideas through discussion and annotated sketches.
- Select and use a wide range of equipment and materials.
- <u>Evaluate</u> finished products.
  - Apply understanding of how to strengthen more complex structures.
  - Understand and use mechanical systems.
  - Understand seasonality of ingredients.

Design and make a prehistoric house & cook and package festive biscuits.

## **PSHE &**

## Citizenship

### Myself and My Relationships:

- Beginning and Belonging.
- Family and Friends.
- Anti-bullying.

Whole school 'Cultural Links' project and celebration of 'Friendship Week' in November.

• Use the eight

points of a compass.

- Use maps, atlases, globes and digital/computer mapping to locate countries.
- Human geography including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources.

Stones, Bones and Thrones (changes in Britain from the Stone Age to the Iron Age).

### Music

• Play and playing with increasing and expression.

perform together, musical instruments accuracy, fluency, control

- Listen with attention to detail and recall sounds with increasing aural memory.
- Use and understand staff and other musical notations

Percussion sessions

# Physical

## Education

- jumping, throwing and catching in isolation
- for attacking and defending.
- both individually and within a team.

## Religious

## Education

Understand the Hinduism – gods,

main features of festivals and symbolism.

Learn about the birth of Jesus as told in each

Hinduism & The birth of Jesus

## Languages - French

• Speak in sentences, using familiar vocabulary, phrases and basic language structures whilst learning vocabulary for weather and developing verb conjugations.

# Sound:

• Identify how sounds are made and carried, and learn about the connection with vibration.

• Learn about evaporation and condensation in the water cycle.

according to whether they are solids, liquids or gases.

• Observe the effects of heating and cooling, and measure

materials together,

- Find patterns between the pitch of a sound and features of the object that produced it.
- Find patterns between the volume of a sound and the strength of the vibrations that produced it.

• Use running,

Play competitive games and apply basic principles suitable

Take part in outdoor and adventurous activity challenges

Netball, Dance & Swimming.

Template created by Michael Tidd 2013

www.primarycurriculum.me.uk