Curriculum Overview for Year 6 ~ Autumn Term 2017 (Ancient Egypt & Bowles)

### Reading

## English

- Apply knowledge of root words, prefixes and suffixes, to understand the meaning of new words.
- Maintain positive attitudes to reading by: o reading and discussing a wide range of fiction and non-fiction texts;
- o identifying, discussing and comparing themes and Confidently use a dictionary and thesaurus. conventions.
- Understand what is read by:
- o askina auestions:
- o drawing inferences and justifying with evidence; o summarising the main ideas, identifying key
- o identifying how language, structure and presentation contribute to meaning.
- Discuss and evaluate how authors use language. including figurative language, considering the impact on the reader.
- Participate in discussions about books, providing reasoned justifications for views.

### An introduction to inference through 'Zoo' by Anthony Browne & a range of writing based on Ancient Egypt (fiction and non-fiction)

### Spelling and Writing

- Use a wide range of prefixes and suffixes
- Spell words with 'silent' letters.
- o recommending books to peers, giving reasons for Distinguish between homophones and other words which are often confused

  - Identify the audience for, and purpose of, writing, selecting the appropriate form.
  - Note and develop initial ideas.
  - Describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action.
  - Use a wide range of devices to build cohesion within and across paragraphs.
  - Ensure the consistent and correct use of tense throughout a piece of writing.
  - using singular and plural. • Proof-read for spelling and punctuation errors.

• Ensure correct subject and verb agreement when

### Vocabulary, Grammar and Punctuation

- Recognise vocabulary and structures that are appropriate for formal speech and writing
- Use passive verbs to affect the presentation of information in a
- Use expanded noun phrases to
- convey complicated information concisely • Use modal verbs (e.g. would, might, can) or adverb
- to indicate degrees of possibility. • Use relative clauses beginning with
- 'who', 'which', 'where', 'when', 'whose' and 'that'.
- Use a range of higher-level punctuation accurately throughout written work (including commas,

hyphens, brackets, dashes, semi colons and colons).

### Number and Calculation

- Identify common factors, multiples and prime numbers
- Round any whole number to a required degree of accuracy.
- Read, write, order & compare numbers up to 10 000 000 and determine the value of each digit.
- Use negative numbers and calculate intervals across concept of equivalent fractions.
- Multiply and divide numbers up to 4 digits by a two-digit whole number using the formal written methods of long multiplication and long division.
- Interpret remainders as whole number remainders, fractions, or by rounding, as appropriate.
- Divide numbers up to 4 digits by a two-digit
- Perform mental calculations, including with mixed Use written division methods in cases where the operations and large numbers.
- Use knowledge of the order of operations to carry out calculations and solve problems.
- Use estimation to check answers and determine an appropriate degree of accuracy.

Working & Thinking

taking repeat readings when appropriate.

predictions to set up further comparative and fair tests.

including micro-organisms, plants and animals.

offspring vary and are not identical to their parents.

different ways and that adaptation may lead to evolution.

• Record data and results of increasing complexity. Plus use test results to make

Living Things and their Habitats

common observable characteristics and based on similarities and differences,

**Evolution and Inheritance** 

information about living things that inhabited the Earth millions of years ago.

• Recognise that living things produce offspring of the same kind, but normally

• Identify how animals and plants are adapted to suit their environment in

• Recognise that living things have changed over time and that fossils provide

• Give reasons for classifying plants/animals based on specific characteristics.

• Report and present findings from enquiries in oral and written forms.

• Identify scientific evidence used to support or refute ideas or arguments.

• Describe how living things are classified into broad groups according to

Science

• Plan different types of

questions, recognising and

• Take measurements, with

### **Fractions**

Scientifically

scientific enquiries to answer

increasing accuracy and precision

controlling variables if necessary.

- Use common factors to simplify fractions; use common multiples to express fractions in the same
- Compare & order fractions, including fractions > 1
- Add and subtract fractions with different denominators and mixed numbers, using the
- Multiply simple pairs of proper fractions, writing the answer in its simplest form
- Divide proper fractions by whole numbers.
- Calculate decimal fraction equivalents for a simple
- Multiply and divide numbers by 10, 100 & 1000.
- Multiply one-digit numbers with up to two decimal number using the formal written method of division. places by whole numbers.
  - answer has up to two decimal places.
  - Solve problems which require answers to be rounded to specified degrees of accuracy.
  - Recall and use equivalences between simple fractions, decimals and percentages.

### **Mathematics**

### Measurement

- Solve problems involving the calculation and conversion of units of measurement.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time, using decimal notation (up to three decimal places).
- Convert between miles and kilometres.
- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Recognise when it is possible to use formulae for area and volume of shapes.
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including

centimetres and cubic metres.

## History

### Develop a chronologically secure knowledge and understanding of British, local and world history. • Identify connections, contrasts and trends over time.

- Develop appropriate use of historical terms.
- Ask and answer historically valid questions about change, cause, similarity and difference, and significance.
  - Understand how our knowledge of the past is constructed from a range of sources.
  - Construct informed responses that involve thoughtful selection and organisation of relevant historical information
  - Study the achievements of the earliest civilizations

'Ancient Egypt' topic An in-depth study of Ancient Egypt.

## Art & Design

- Develop techniques, including control and use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.
- Create sketch books to record observations and use these to review
- Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.
- Learn about great artists, architects and designers in history.

Study of the stylistic features of William Morris.

## Computing

- Understand computer networks including the internet and the opportunities they offer for communication and collaboration.
- Select, use and combine a variety of software (including internet services) on a range of digital devices to collect, analyse, evaluate and present data and information.
  - Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Programming through 'Scratch' & internet safety (PSHE).

# Design & Technology

- Use research & develop design criteria to inform the design of products that ar fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate ideas.
- Select from and use a wider range of tools, equipment, materials & components.

- Investigate a range of existing products.
- Evaluate ideas & products against own design criteria. Consider the views of others to make improvements Technical knowledge
- Understand and use mechanical systems in products (including pulleys and linkages). Understand and use electrical systems in products (including switches motors & bulbs). Egyptian artefact clay models & Egyptian cooking.

# Geography

• History topic focus this

Geographical links are made where relevant, e.g. the importance of The River Nile to the people of Ancient Egypt

## **PSHE &**

# Citizenship

### Myself and My Relationship

- 'Beginning and belonging'
- 'Friends and family'
- Internet Safety.
- Anti-bullying and 'Friendship Week'.

Plus discussions around topical news events.

'Bikeability' cycle safety training week & Bowles outdoor and adventurous activities residential.

## Music

Play and perform in solo using voices and playing increasing accuracy, fluency, control and expression.

- Improvise and compose music for a range of purposes using the inter-related dimensions of music.
- Listen with attention to detail and recall sounds with increasing aural memory.
- Appreciate and understand a wide range of highquality live and recorded music drawn from different traditions and from great composers and musicians.

## Physical • Develop flexibility, strength,

## Education

technique, control & balance.

- Perform dances using a range of movement patterns.
- Enjoy communicating, collaborating & competing with others.
- Develop an understanding of how to improve in different physical activities & sports, learning how to identify & evaluate success.
- Play competitive games and apply basic principles suitable for attacking and defending.
- Compare own performances with previous ones and demonstrate improvement to achieve personal best.
- Take part in outdoor and adventurous activity challenges. Netball, Football, Dance, Tag Rugby & Bowles outdoor and adventurous activities residential.

## Religious Core beliefs

Traditions

### Worship

- Modern societu
- Sacred text

Education

### Introduction to Judaism

# Languages - French

Engage in conversations, ask and answer questions, express opinions and respond to those of others. Develop grammatical knowledge of tenses and adverbs whilst learning about time and transport.

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