## Curriculum Overview for Year 5 ~ Autumn Term 2018

#### Reading

- Maintain positive attitudes to reading.
- · Continue to read and discuss an increasingly wide range of books.
- Increase familiarity with a wide range of books.
- Ask questions to improve their understanding.
- Draw inferences and justify with evidence.
- Predict what might happen.

Number and

Calculation

• Read Roman

methods.

numerals to 1000.

• Read, write, order and compare

• Use rounding to check answers.

• Add and subtract mentally with

increasingly large numbers.

Identify multiples and factors.

• Multiply and divide using formal

• Interpret remainders within context.

written methods.

numbers to at least 1,000,000.

Interpret negative numbers in context.

Add and subtract using formal written

## English

### Writing

- Writing to inform
- Identify the audience for, and purpose of, the writing, selecting the appropriate • Ensure correct subject and
- Note and develop initial ideas, drawing on reading and research.
- Précis longer passages. Writing to entertain
- Describe settings, characters and atmosphere and integrate dialogue to convey character and advance action.

Key Texts: Dear Teacher, Simon Bloom Gravity Keeper, Explorer Instructional texts and presenting information texts.

#### Grammar

- Ensure correct and consistent use of
- verb agreement.
- Understand the meaning of verb prefixes
- Use commas to clarify meaning and avoid ambiguity.

# Art & Design

- Use sketch books to review and revisit ideas.
- Improve their mastery of techniques, including an increasing awareness of different kinds of art, craft and
- Learn about great artists in history such as Georgia O'Keeffe and Henri Rousseau.

Rainforest inspired art using pastels and a range of art media.

## Computing

- Select, use and combine a variety of software to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
  - Design, write and debug programs.
  - Solve problems by decomposing them into
  - Use technology safely, respectfully and responsibly.

'Scratch' and PowerPoint.

## Design & Technology

- Investigate and analyse a range of existing products.
- Evaluate ideas and products against design criteria.
- Understand seasonality (sowing seeds).
- Understand and apply the principles of a healthy and varied diet.

Smoothie making.

### Geography

- atlases, globes and • Use maps, digital mapping.
- Use the eight points of a compass.
- Use four and six-figure grid references.
- Describe and understand key aspects of physical geography.
- Describe and understand key aspects of human
- Develop place knowledge South American (Amazon)

Develop locational knowledge.

### **Mathematics**

#### Measurement:

#### Perimeter and area

- Measure and calculate the perimeter of composite rectilinear shapes in cm and m.
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes.

#### Statistics

- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables including timetables.

## **PSHE &**

## Citizenship

### Beginning and Belonging:

Citizenship - rights, rules and responsibilities.

#### Feelings and Friendships:

- Myself and My Relationships emotions.
- Myself and My Relationships anti-bullying.

Whole School celebration of 'Friendship Week' in November

### Music

- Listen & Appraise pulse, recognise other dimensions of mi
- recognise styles, find the instruments, listen, discuss
- laying play a classroom/band instrument in a group/band/ensemble. Explore the link between sound and symbol.

Composition - create own responses, melodies and rhythms and record them in some way. Explore the link between sound and symbol

• Perform/Share - work together in a group/ band/ensemble and perform to each other and an

## Science

#### Forces:

- Explain gravity and its effects. Identify the effects of air resistance, water resistance and
- friction on a moving object.
- Investigate mechanisms, including levers, pulleys and gears.
- Plan different types of scientific enquiries.
- Use previous test results to make predictions.

#### Living things and their habitats:

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.
- What are the differences in the life cycles of a mammal, an amphibian, an insect and a bird?
- Can you describe the life process of reproduction in some plants and animals?

### History

- Placing artists / authors / designers / explorers in to
- History of our locality through the study of a local place

## Physical

### Education

- Apply and develop a broader range of skills and develop overall fitness and strength.
- Apply basic principles suitable for attacking/defending.
- Use compositional skills to create and perform a range of movement patterns.
- Be physically active for sustained periods of time.
- Develop flexibility, strength, and stamina.

Swimming, basketball and tag rugby.

### Religious

## Education

- Introduction to
- The Qu'ran and

## Islamic prayer mats.

### Languages - French

Pupils will focus on broadening their vocabulary and developing their ability to understand new words introduced into familiar written material, including using a bi-lingual dictionary, whilst learning vocabulary linked to parts of the body.

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