Curriculum Overview for Year 6

- Texts including The Viewer, Holes, Trash and Window
- Encouraging personal reading including a broad range of genres from the school's library, reading scheme and class libraries
- Develop comprehension skills including inference and deduction
- Learn and perform poetry

Place value, ordering and

rounding including decimal

Embed written methods for

long division and decimals)

addition, subtraction,

fractions and negative numbers

multiplication and division (with

including brackets and order of

Identify factors, multiples and

- English and make comparisons within
- Plan writing to suit specific audiences and purpose
- Develop character and setting in narrative

and between books

• Select grammar and vocabulary for effect, using a wide range of devices and structures within their writing

- Recommend books to others Create specific atmospheres within a story; show character through dialogue
 - Maintain tense and grammatical accuracy within all writing
 - Grammatical terms such as subject, object, active and passive

- Use and adapt a variety of materials, including recycled, to create threedimensional sculptures and models
- Use sketchbooks to collect, record and review ideas

Computing

• Design and create simple programs to solve problems

Use the internet for research; be more discerning in evaluating digital content

Design & Technology

- Research, design and make an alarm system that is aimed at helping a specific group with their needs
- Use annotated sketches and cross-section diagrams
 - Analyse and evaluate existing products and improve their own

Geography

- Study a region of Europe, and of America, with a focus on mining and natural cave systems
- Why, where and how settlements are created and sustained

Mathematics

- Solve multi-step number problems
- Introduce use of simple unknowns in algebra
- Measures and conversions
- Areas of triangles and parallelograms
- Area and volume formulas
- Know and use angle rules
- Translate and reflect shapes using all four quadrants
- Ratio and proportion

- Use pie charts and line graphs
- Calculate averages including the mean
- Compare and simplify fractions
- Add, subtract and multiply fractions
- Divide fractions by whole numbers

Events

Trips

- Hunting for hidden treasures using map and j orienteering skills
- Recycling ...

Music

Improvise and compose pieces of music based around a theme

Develop an understanding of the history of music including great musicians and composers

Science

operations

primes

- Electricity Circuits - investigate series and parallel circuits. Conductors and insulators Design and make an alarm system that works using electrical power
- Forces Air and water resistance; the effects of gravity Investigating ideas and questions; organising equipment and recording results (including graphs) and findings

PSHCE/ British Values

• Considering values such as democracy, individual liberty and mutual respect

Understand:

Equality for all Right and wrong Consequences of actions Respect of values and opinions Helping others

Physical

Education

- Continue to develop skills in team games and competitive sports at ICC
- Develop flexibility and control in gymnastics and dance

Religious

Education

• The Easter story

Stories from Christianity, Islam and other religions