

## Curriculum Overview Years 4/5/6

### Autumn 1 term 2017

#### Key Aspects in Learning: English

Genres to cover:

Science fiction, poetry, texts from other cultures

Skills- understand, use & apply:

- conjunctions, forms of verbs, formal & informal speech, adverbs & fronted adverbials
- Contrast & comparing themes within texts
- Using a dictionary

#### Key Aspects in Learning: Religion/ Art/ PSHE including outdoor learning Y3/4/5/6

- Growth mindset – looking at the language we use when faced with a challenge, and tackling challenges.
- PHSE – what our safe space looks and feels like.
- Recognising emotions in ourselves and others.

#### Key Aspects in Learning: Maths

- Place value
- Length, volume and mass
- Ratio and proportion
- Data handling and statistics
- Fractions, decimals and percentages
- Reasoning skills



#### Key Aspects in Learning: Design Technology Y4/5/6

- Rocket project –
- Designing a purposeful and appealing product taking into account the user and their needs.
- Generate ideas through drawings, graphic design logos and cross sectional drawings.
- Use a wide range of materials and tools to make a model.
- Join and finish a product accurately.
- Evaluate products and suggest improvements.

#### Key Aspects in Learning: Computing Y4/5/6

##### *Internet safety*

- Use technology safely, respectfully & responsibly
- Recognising secure and reliable websites.

##### *Using software and systems*

- Researching using the internet.
- Creating a powerpoint presentation to display information.

#### Key Aspects in Learning: Science

##### *Electricity - Y4*

- Identify common appliances that use electricity and identify if they use mains or battery.
- Construct a simple series circuit identifying and naming the parts.
- Understand that a circuit needs to be complete to light a bulb and the role of a switch in opening a circuit.
- Investigate which materials make good conductors and insulators.

##### *Electricity Y5/6*

- As above
- Drawing the standard symbols for electrical components.
- Investigate whether the amount of bulbs in a circuit affects their brightness – same with batteries/buzzers.

##### *Forces – Y4/5/6*

- Explain that unsupported objects fall towards Earth due to gravity.
- Identify the effects of air resistance, water resistance and friction.
- Recognise the role and effect of pulleys, gears and levers.

**Attendance = Achievement**



Learning through *Exploration*  
Reaching Our Full *Potential*  
Inspiring the *Future*  
*Explore, Achieve, Inspire*