

KS3 Curriculum Year iii Overview

| Subject                              | Autumn 1  | Autumn 2                                | Spring 1   | Spring 2                              | Summer 1   | Summer 2                    |
|--------------------------------------|---|---|--|---------------------------------------|--|-----------------------------|
| <b>English</b>                       | Frankenstein  | War Poetry                              | Of Mice and Men  | Our day out                           | Travel writing   | Rome and Juliet             |
| <b>Maths</b>                         | <p><i>Algebraic thinking</i><br/>Sequences (2 weeks); understand and use algebraic notation (2 weeks); equality and equivalence (2 weeks)<br/><i>Place value and proportion</i><br/>Place value and ordering integers and decimals (3 weeks)<br/>Fractions, decimal and % equivalence (3 weeks)<br/><i>Geometry</i><br/>Properties of shapes, position and direction and converting units (3 weeks)</p> |   | <p><i>Applications of number</i><br/>Solving problems with + and – (2 weeks)<br/>Solving problems with x and division (3 weeks)<br/>Fractions and % of amounts (1 week)<br/><i>Directed number</i><br/>Operations and equations with directed number<br/><i>Fractional Thinking</i> + and – of fractions</p> |                                       | <p><i>Lines and angles</i><br/>Constructing, measuring and using geometric notation (3 weeks)<br/>Developing geometric reasoning (3 weeks)<br/><i>Reasoning with number</i><br/>Developing number sense, sets and probability, prime numbers and proof (6 weeks)</p> |                             |
| <b>Food Tech</b>                     | Exploring materials   | Designing for clients                   | Producing batches  | Selecting materials                   | Designing for markets  | Ensuring quality production |
| <b>Science</b>                       | Inheritance and selection   | Reactions of metals and metal compounds | Energy and electricity   | Plants and photosynthesis             | Gravity and space  | Rocks                       |
| <b>Universal Learning-Humanities</b> | Global citizenship  | Nomads                                  | Rural and urban  | Politics and government laws          | Planning and taking part in a visit  | Communicating experiences   |
| <b>PSHE</b>                          | Physical and Mental Health Support  | Relationships Rights and Myths          | Careers and What Influences Us   | Substance Misuse, Addiction and Gangs | RSE - Intimate Relationships and Contraception   | Employment, Money and Me    |
| <b>PE</b>                            | Dance   | Invasion games                          | Striking and fielding  | Net/Wall games                        | Gymnastics   | Athletic                    |

|                        |   |  |   |   |                                |  |
|------------------------|---|--|---|---|--------------------------------|--|
| <b>Art/DT</b>          | Identity finding your voice<br>Typography         | Identity finding your voice<br>Collage         | Identity finding your voice<br>Enterprise | Personal places, public spaces<br>Sculpture | Animating art<br>Digital media | Change your style<br>Textiles                        |
| <b>Computing</b><br>Y9 | Computational thinking –<br>programing algorithms | Programming, further<br>programming techniques | Computers, intro to<br>linux              | IT, artificial intelligence                 | Networking, cryptography       | Data representation,<br>Boolean logic and processing |