

## Mulberry Academy Woodside – Topic Lists

### Autumn Assessments (Year 8)

| Subject   | Key Topics to Revise                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
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| English   | <ul style="list-style-type: none"> <li>Keywords – on knowledge organiser</li> <li>Understanding of key characters in Ghost Boys</li> <li>Bathroom/Bullies extract – analysed in lesson</li> <li>Structure – Freytag's Pyramid</li> <li>Structural techniques – flashback, short sentences etc.</li> <li>What How Why paragraph construction</li> </ul> |                                                                                                                                                                                                                                     |
| Maths     | <ul style="list-style-type: none"> <li>Ratios</li> <li>Simplify Ratios</li> <li>Equivalent ratios</li> <li>Sharing into a ratio</li> <li>Scale drawings</li> <li>Map scales</li> <li>Recipes</li> <li>Best buy</li> </ul>                                                                                                                              | <ul style="list-style-type: none"> <li>Currency conversion</li> <li>Prime Numbers</li> <li>Square numbers</li> <li>Probability Scale</li> <li>Members of a set</li> <li>Venn diagrams</li> <li>Circumference of a circle</li> </ul> |
| Science   | <ul style="list-style-type: none"> <li>Squashing and stretching</li> <li>Hooke's law</li> <li>Friction and its uses</li> <li>Gravity calculations (<math>\text{Weight} = \text{Mass} \times \text{Gravity}</math>)</li> <li>The solar system</li> <li>Astronomical cycles</li> </ul>                                                                   |                                                                                                                                                                                                                                     |
| History   | <ul style="list-style-type: none"> <li>Key Words</li> <li>Timeline of monarchs during The Reformation</li> <li>Key differences between types of Christianity</li> <li>The key religious changes introduced by Tudor monarchs</li> <li>Continuities in Morebath under the Tudor monarchs</li> <li>Causes of the English Civil War</li> </ul>            |                                                                                                                                                                                                                                     |
| Geography | <u>From the equator to the poles:</u> <ul style="list-style-type: none"> <li>What are biomes</li> <li>Where are biomes located and why</li> <li>Tropical rainforests</li> </ul>                                                                                                                                                                        |                                                                                                                                                                                                                                     |

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|                          | <ul style="list-style-type: none"> <li>• Nutrient cycles</li> <li>• Food webs</li> <li>• Deforestation</li> <li>• Palm oil</li> <li>• Graph skills</li> </ul>                                                                                                                                                                                                                                                                                                                                           |
| <b>French</b>            | <u>T'es branché Autumn 1:</u> <ul style="list-style-type: none"> <li>• talk about TV programmes</li> <li>• use different subject pronouns (je, il, elle)</li> <li>• use -er, -ir, -re verbs in the present tense</li> <li>• talk about different types of film</li> <li>• use the verb être, avoir, aller and faire in the present tense</li> <li>• talk about different types of book</li> <li>• talk about what I do on the internet</li> <li>• use expressions of frequency and sequencer</li> </ul> |
| <b>Spanish</b>           | <u>Todo sobre mi vida Autumn 1:</u> <ul style="list-style-type: none"> <li>• Say what I use my phone for</li> <li>• Say what type of music I like/dislike</li> <li>• Say what type of music I listen to</li> <li>• Say what type of TV programmes I like/dislike</li> <li>• Say what I did yesterday</li> <li>• Use the present tense of regular verbs</li> <li>• Use the preterite tense of regular verbs and hacer</li> <li>• Use expressions of frequency</li> <li>• Use the comparative</li> </ul>  |
| <b>Computer Science</b>  | <ul style="list-style-type: none"> <li>• Networks</li> <li>• Computational Thinking</li> <li>• Flowcharts</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Religious Studies</b> | <p>'What is Sikhism unit'</p> <ul style="list-style-type: none"> <li>• The history of Sikhism</li> <li>• Where and when did religion begin?</li> </ul>                                                                                                                                                                                                                                                                                                                                                  |

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|                           | <ul style="list-style-type: none"> <li>• Key beliefs about God</li> <li>• Their place of worship and how it is used</li> <li>• Their holy book</li> <li>• The founder of the religion</li> <li>• Guru timeline and the key facts about Guru Nanak</li> <li>• What is the Caste system and selfless service</li> <li>• What are the 5ks and why are they important?</li> <li>• What is the Mool Mantar and why is it important</li> <li>• What is the festival of Vaisakhi</li> </ul>                |
| <b>Music</b>              | <ul style="list-style-type: none"> <li>• Film Music: The Leitmotif, effects of music in film on human emotion</li> <li>• Musical Notes: names, symbols, beats and rests</li> <li>• Time Signatures: 4/4 (Common time)</li> <li>• Constructing rhythms in 4/4 time with text</li> <li>• Music Appreciation</li> </ul>                                                                                                                                                                                |
| <b>Drama</b>              | <ul style="list-style-type: none"> <li>• My Head know, My Heart feels</li> <li>• Learning about different people who are in the SEND category and what SEND stands for</li> <li>• Exploring how people with either Dyspraxia, Dyslexia, ADHD and Autism Cope with everyday challenges and how they feel when dealing with them</li> <li>• Learning about Konstantin Stanislavski and his impact in theatre (and film)</li> <li>• Identify and demonstrate 2 of Stanislavski's techniques</li> </ul> |
| <b>Physical Education</b> | <ul style="list-style-type: none"> <li>• How to prepare yourself and others for exercise</li> <li>• Applying the principles of attack and defence into a specific game</li> <li>• demonstrating a knowledge and understanding of the rules and regulations that govern the sport</li> <li>• selecting and applying appropriate skills in small-sided games</li> <li>• introduction of advanced skills and refinement of core skills in your activities</li> </ul>                                   |
| <b>Art &amp; Design</b>   | <p><u>Year 8: Venetian Masks:</u></p> <ul style="list-style-type: none"> <li>• Use of symmetry</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                           |

# Mulberry

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|                          | <ul style="list-style-type: none"><li>• Proportion &amp; Scale</li><li>• Range of tones &amp; gradual blending skills</li><li>• Mark making skills</li><li>• Presentation</li></ul>   |
| <b>Design Technology</b> | <ul style="list-style-type: none"><li>• Materials: Manufactured boards</li><li>• CAD/CAM</li><li>• Workshop tools and equipment</li><li>• Health &amp; Safety in a Workshop</li></ul> |
| <b>Food Preparation</b>  | <ul style="list-style-type: none"><li>• Heat Transfer</li><li>• Starches</li><li>• Meat alternatives</li></ul>                                                                        |