

Mulberry Academy Woodside – Topic Lists

Autumn Assessments (Year 9)

Subject	Key Topics to Revise	
English	- Keywords – on Knowledge Organiser - Understanding of key characters in Animal Farm - Rhetoric and rhetorical devices - What How Why paragraph construction	
Maths	Higher (Set 1 and 2) - Ratios - Mean, Median, Mode, Range - Equations - Algebra - Exterior/Interior Angles - Probabilities - Expressions - Equation of straight lines and - coordinates - Straight line graphs - Reflections - See Core content	Core (Set3, 4 and 5) - Designing questionnaire - Percentage increase/decrease - Reflection - Solving linear equations - Identify the outlier - Interior angles in polygons - Unit conversion: Time - Linking fractions to ratios - Expression, equation, identity and formula - Conversion graphs - Finding the product - Equation of straight lines and coordinates - Designing questionnaire - Percentage increase/decrease - Mean, mode, median range - Indices and powers - Standard form - Area of compound shapes
Science	- Metals and non- metals - Atoms and the periodic table - Mendeleev and the periodic table - Formation of ionic compounds - Reactivity series and displacement reactions - Combustion and thermal decomposition - Oxidation and reduction reactions	
History	Keywords	

	• Sources • Changes to women's lives during World War One • The experience of war by soldiers from the British Empire • The difference between working class and upper class experiences of World War One • SQOPO • The Treaty of Versailles
Geography	<u>Sustainability:</u> • What is a resource • Renewable energy • Fossil fuels • Oil spills • Energy use in Dubai • Sustainability • Graph and math skills
French	<u>Ma Vie Sociale d'Ado Autumn 1:</u> • Saying what activities you do on social media • Asking and giving opinions about someone • Inviting someone out/ Accepting or declining invitations/ making arrangements to go out • Describing a date using the perfect tense (past tense) • Asking questions about a past event • Saying what something was like Talking about a music event in the perfect (past) tense
Spanish	<u>Somos Así autumn 1:</u> • say what I like and don't like • say what I do on different days • say what type of film I like/am going to see • say who I celebrated my birthday with

	• say where I / we went, say what I / we did there, say what I thought about it • use the present tense of regular verbs and <i>ir</i>, <i>hacer</i> and <i>ser</i> • use expressions of frequency • use the near future tense • use the preterite of regular verbs and <i>ir</i> and <i>ser</i> • use sequencers
Computer Science	• Spreadsheet modelling • Web Development
Religious Studies	Vocabulary Worldview Pluralistic Lens Census Religious affiliation Secular Diversity Denomination Source of authority Sociologist Secularisation Thesis Worldviews • What is a worldview and how does it shape how we see the world? • Examples of worldviews: religious (e.g., Christianity, Islam) and non-religious (e.g., Humanism) • What is pluralism and why is it important? • Reflecting on your own beliefs and values Religion in Modern Britain • Census: how often, voluntary religion question, and what it tells us • 2021 trends: Christianity decreasing, No religion increasing, Islam increasing • How this shows Britain is multi-religious and increasingly secular Diverse Christianity • Denominations & key events: Great Schism (1054), Protestant Reformation (1517), Church of England (1534) • Sources of authority: Bible, church leaders, traditions, personal conscience (own sense of right/wrong)

	• How Christians share beliefs and how denominations differ • How the number of Christians has changed over time
Music	• Pop Ballads: features, instruments and musicians involved • Musical Form & Structure: Binary, Ternary, etc • Musical Notes: names, symbols, beats, and rests • Time Signatures: 4/4 (Common time) • Constructing rhythms in 4/4 time with text • Music Appreciation
Drama	• Knowledge of who Frantic assembly is and their impact in theatre • Identify and explain four of Frantic Assembly's techniques • Demonstrate four of Frantic Assembly's techniques • Give constructive feedback using characterisation skill vocabulary
Physical Education	• Design an activity specific warm-up for your current activity • Applying the principles of attack and defence into a game and responding to changing situations • Identifying the strengths and weaknesses in your own and others performance • Selecting and applying the appropriate skills and strategies in a full context • Refinement of advanced skills
Art & Design	<u>Cityscapes</u> • Collage (cutting & gluing) • Composition • Scale & Proportion • VALUE: use of tone • VALUE: mark making skills • Presentation

Design Technology	• Materials: Natural Timber and Manufactured Boards • Timber Joining Methods • CAD/CAM • Workshop tools and equipment • Health & Safety in a Workshop
Food Preparation	• Pastry • Coagulation • Vitamins and Minerals