

Year 7 Half Term 4 Curriculum

Subject	Half Term 4 – Topic/Summary of Powerful Knowledge
English	<p><u>Female Voices (The Art of Rhetoric):</u></p> <ul style="list-style-type: none"> • Ethos Pathos and Logos (Aristotelian triad) • Socio-cultural practices and stereotypes that reveal gender gaps • The dissenting female voice – origins and history • How to structure an argument • Anaphora and hypophora • Metaphor in rhetoric (tenor, vehicle and ground) • Themes of defiance, oppression, control, colonialism, silence and morality <p><i>Extracts from: Purple Hibiscus (Adichie), Mouth Full of Blood (Morrison), Why the Caged Bird Sings (Angelou), Anarchism and other Essays (Goldman), No one is too small (Thunberg), The Hill we Climb (Gorman), Let us pick up our books and our pens (Yousafsai), Poetry of Nikita Gill ('The Insta Poet').</i></p>
Maths	<p><u>Operations & equations with directed number</u></p> <ul style="list-style-type: none"> • Understand and use representations of directed numbers • Order directed numbers using lines and appropriate symbols • Perform calculations that cross zero • Add directed numbers • Subtract directed numbers • Multiplication of directed numbers • Multiplication and division of directed numbers • Use a calculator for directed number calculations • Evaluate algebraic expressions with directed number • Introduction to two-step equations • Solve two-step equations • Use order of operations with directed numbers • Roots of positive numbers • Explore higher powers and roots <p><u>Addition & subtraction of fractions</u></p> <p><u>Understand representations of fractions</u></p> <ul style="list-style-type: none"> • Convert between mixed numbers and fractions • Add and subtract unit fractions with the same denominator • Add and subtract fractions with the same denominator • Add and subtract fractions from integers expressing the answer as a single fraction • Understand and use equivalent fractions • Add and subtract fractions where denominators share a simple common multiple • Add and subtract fractions with any denominator • Add and subtract improper fractions and mixed numbers • Use fractions in algebraic contexts • Use equivalence to add and subtract decimals and fractions • Add and subtract simple algebraic fractions
Science	<p><u>Reactions 1</u></p> <ul style="list-style-type: none"> • Indicators and pH • Acid strength • Neutralisation

	<ul style="list-style-type: none"> • Making salts • More about elements • Chemical reactions of metals and non metals • Metals with acids • Metals with oxygen • Metals with water • Metal displacement reactions <p><u>Ecosystems 1</u></p> <ul style="list-style-type: none"> • Food chains and webs • Disruption to food chains
History	<p><u>Medieval Realms,</u></p> <ul style="list-style-type: none"> • Importance of the Silk Roads • Global Empires Mali / Ottoman, • Eleanor of Aquitaine
Geography	<p><u>Development:</u></p> <ul style="list-style-type: none"> • India – What is it like, slums, Dharavi slum in Mumbai, Urban planning of slums. • Aid – Does India need aid • Fair trade • How can tourism close the development gap.
Spanish	<p><u>Mis Pasatiempos:</u></p> <ul style="list-style-type: none"> • Getting to know some famous Spanish musicians • Comparing celebrity profiles • Mi Casa: Talking about where you live • Describing your house.
Art	<p><u>Colour Mixing and Painting; Landscapes and Still Life</u></p> <ul style="list-style-type: none"> • Applying colour theory • Developing painting skills and techniques with watercolours • Include references to complementary /harmonious colours. • Contextual studies: Contemporary artist Loretta Grayson.
Computing	<p><u>Animation</u></p> <ul style="list-style-type: none"> • Learn basic graphic drawing and animation techniques such as frame-by-frame animation and tweening • work with layers and adding simple interactivity and ActionScript • undertake a creative project to plan, create and evaluate a short animation regarding how the web is constructed
DT	<p><u>Floating Garden Project</u></p> <ul style="list-style-type: none"> • Understand processes within the physical environment. • Problem Solving through innovative isometric drawing and practical work • Using tools and equipment safely in the workshop environment • Archimedes principle of floatation
Food Preparation & Nutrition	<p><u>Keeping yourself and others safe</u></p> <ul style="list-style-type: none"> • Food hygiene and safety Provenance of food • Types of heat transfer • Recap Eatwell guide • Healthy eating guidelines • Carrot cuts • Vegetable soup

	<ul style="list-style-type: none"> • Lemon Posset
Drama	<u>Introduction to Script - Page to stage</u> <ul style="list-style-type: none"> • Script layout, basic stage directions, basic blocking rules for performance to an audience
Music	<u>Introduction to Keyboard Skills-Pachelbel's 'Canon'</u> <ul style="list-style-type: none"> • The importance of accuracy in performance. • Appropriate use of rehearsal time. • Applying dynamics to a performance • Final performance of Pachelbel's Canon
PE	<u>Development of skills and tactics in one of the following sports swimming, gymnastics, rounders, softball and badminton</u> <ul style="list-style-type: none"> • Focus on muscles and muscles movements related to sporting actions. • Participation in an interform competition. • Continual development of fitness levels and knowledge of fartlek training.
RE/PSHE	<u>Be the Change:</u> <ul style="list-style-type: none"> • The life of Jesus Christ. • The history of Christianity. • What does it mean to be good?