

Year 8 Half Term 3 Curriculum

Subject	Half Term – Topic/Summary of Powerful Knowledge
English	<p><u>Terror and Horror (Gothic Fiction):</u></p> <ul style="list-style-type: none"> • Gothic conventions • The Byronic hero • Monster archetype • The creation of fear - characterisation, suspenseful setting • Periodic sentence to create suspense • Personification • Shifts in mood and atmosphere <p>Main text: <i>Frankenstein</i> (Shelley)</p>
Maths	<p><u>Brackets, equations & inequalities</u></p> <ul style="list-style-type: none"> • Form algebraic expressions • Use directed number with algebra • Use directed number with algebra • Multiply out a single bracket • Factorise into a single bracket • Expand multiple single brackets and simplify • Expand a pair of binomials • Solve equations, including with brackets • Form and solve equations with brackets • Understand and solve simple inequalities • Form and solve inequalities • Solve equations and inequalities with unknowns on both sides • Form and solve equations and inequalities with unknowns on both sides • Identify and use formulae, expressions, identities and equations <p><u>Sequences</u></p> <ul style="list-style-type: none"> • Generate sequences given a rule in words • Generate sequences given a simple algebraic rule • Generate sequences given a complex algebraic rule • Find the rule for the nth term of a linear sequence <p><u>Indices</u></p> <ul style="list-style-type: none"> • Adding and subtracting expressions with indices • Simplifying algebraic expressions by multiplying indices • Simplifying algebraic expressions by dividing indices • Using the addition law for indices • Using the addition and subtraction law for indices • Exploring powers of powers
Science	<u>Organisms 2 Electromagnets 2</u>

	<ul style="list-style-type: none"> • Breathing • Drugs • Alcohol • Smoking • Nutrients • Food tests • Unhealthy diet • Digestive system • Bacteria and enzymes <u>Electromagnets 2</u> <ul style="list-style-type: none"> • Magnets and magnetic field • Electromagnets • Using electromagnets
History	<u>Industrial Revolution, Victorian Britain</u> <ul style="list-style-type: none"> • Infrastructure, canals, railways, dock evolution • Societal changes, gender roles, leisure activities • Economic growth, towns, overcrowding, public health • Poverty, child labour, opulence (slavery links)
Geography	<u>Population:</u> <ul style="list-style-type: none"> • Where people live in the world and why • How and why is the population growing in the world • Causes of population change • Population pyramids • DTM • UK and the DTM
Spanish	<u>Mis Vacaciones:</u> <ul style="list-style-type: none"> • Transport and holiday travel • Holiday activities
Art	<u>Urban Surroundings - Cubism</u> <ul style="list-style-type: none"> • Contextual studies Picasso and Fernand Leger • Watercolour painting techniques • Drawings and painting images from urban surroundings record shape, size, colour, scale texture, tone form. • Skills to include references to complementary / harmonious colours.
Computing	<u>Introduction – how to effectively create a project</u> <ul style="list-style-type: none"> • Understand how to plan a project effectively • Research, create, reuse, revise and repurpose digital artefacts for a given audience • Creative project to design and develop digital documents for Disney +
DT	<u>Ball Bearing Game</u> <ul style="list-style-type: none"> • Task Analysis • Mark influences • Wood Joints • Using a range of tools and machinery safely • Evaluating work of yourself and others
Food preparation	<u>Factors that affect our food choices</u> <ul style="list-style-type: none"> • Food safety in industry – role environmental health officer, star ratings • Environmental issues

and nutrition	<ul style="list-style-type: none"> • Spanish potato bravas • Marble Pear tray Bake
Drama	<u>Romeo and Juliet -Page to Stage</u> <ul style="list-style-type: none"> • Shakespearean language use • Blocking • Choral work • Conventions of Shakespearean theatre • Conventions of tragedy
Music	<u>Developing Keyboard Skills-'Viva La Vida'</u> <ul style="list-style-type: none"> • How and why we label fingers on each hand to play the keyboard. • The musical alphabet. • Identify the notes on the keyboard and how they correspond to notes on sheet music. All notes from C to C. • Reading rhythm and pitch from sheet music. • The notes of a scale that make up a chord. • How to play a chord. • The importance of accuracy in performance. • Appropriate use of rehearsal time. • Applying dynamics and tempo to a performance.
PE	<u>Development of skills and tactics in one of the following sports - swimming, netball, badminton, football, tag rugby.</u> <ul style="list-style-type: none"> • Focus on the muscles in the body. • Continual development of fitness levels and knowledge of circuit training.
RE/PSHE	<u>Respecting others:</u> <ul style="list-style-type: none"> • Prejudice and discrimination • The common values of a positive relationship • Homophobia and transphobia and how can these be challenged • Social justice and how religious believers fight social injustice