

Year 8 Half Term 2 Curriculum

Subject	Half Term 2 – Topic/Summary of Powerful Knowledge
English	<p><u>Journeys of Discovery (Realistic fiction):</u></p> <ul style="list-style-type: none"> • Travel writing conventions • The Enlightenment • Truth in fiction – misrepresentation • Comparing viewpoints – satire, subjective and objective, bias • Oppression of Friday (The ‘Other’ archetype) • Emotive language/ dehumanising language • Racism in the modern world – white saviour complex • Evaluating writer’s intent <p>Main text: <i>Robinson Crusoe</i> (Defoe)</p>
Maths	<p><u>Working in the Cartesian plane</u></p> <ul style="list-style-type: none"> • Work with coordinates in all four quadrants • Identify and draw lines that are parallel to the axes • Recognise and use the line $y=x$ • Recognise and use lines of the form $y=kx$ • Link $y=kx$ to direct proportion problems • Explore the gradient of the line $y=kx$ • Recognise and use lines of the form $y=x+a$ • Explore graphs with negative gradient ($y=-kx$, $y=a-x$, $x+y=a$) • Link graphs to linear sequences • Plot graphs of the form $y=mx+c$ • Explore non-linear graphs • Find the midpoint of a line segment <p><u>Representing Data</u></p> <ul style="list-style-type: none"> • Draw and interpret scatter graphs • Understand and describe linear correlation • Draw and use line of best fit • Identify non-linear relationships • Identify different types of data • Read and interpret ungrouped frequency tables • Read and interpret grouped frequency tables • Represent grouped discrete data • Represent continuous data grouped into equal classes • Construct and interpret two-way tables <p><u>Tables and probability</u></p> <ul style="list-style-type: none"> • Construct sample spaces for one or more events • Find probabilities from a sample space • Find probabilities from two-way tables • Find probabilities from Venn diagrams • Use the product rule for finding the total number of possible outcomes
Science	<p><u>Forces 2</u></p> <ul style="list-style-type: none"> • Turning forces • Pressure in gases • Pressure in liquids • Stress on solids <p><u>Matter 2</u></p>

	<ul style="list-style-type: none"> • Elements • Atoms • Compounds • Chemical formula • Polymers • The periodic table • The elements in group 1 • The elements in group 7 • The elements in group <p><u>Organisms 2</u></p> <ul style="list-style-type: none"> • Gas exchange
History	<p><u>British Empire, Liverpool and Slavery</u></p> <ul style="list-style-type: none"> • Case studies of Australia and India, • Why did Liverpool become a slaving port? • Trade Triangle logistics, profit, • Middle Passage, slave economy = wealth accrued through slave labour • legacy
Geography	<p><u>Weather and climate:</u></p> <ul style="list-style-type: none"> • Evidence of climate change • Human and physical causes of climate change • Effects of climate change • Why are future predictions of climate change uncertain • How can human beings adapt to climate change • How can human beings mitigate the effects of climate change • How could climate change affect Bangladesh • How has Bangladesh adapted to the threat of climate change
Spanish	<p><u>Dieta y Salud:</u></p> <ul style="list-style-type: none"> • Healthy diet • Parts of the body, • Ailments and treatment
Art	<p><u>Drawing, Abstract art and Ways of Seeing; Natural Form and Architecture.</u></p> <ul style="list-style-type: none"> • 2 Perspective drawing street scenes, Bridge of Sighs in Venice etc • Abstract drawing and use of colour, continuous line and drawing from primary resources e.g shells, eyes and natural forms. • Hundertwasser and Ruth Allen inspired work.
Computing	<p><u>Graphics</u></p> <ul style="list-style-type: none"> • Understand the purpose of Graphics • Identifying graphics • Different file formats • Bitmap and Vector
DT	<p><u>Block bots</u></p> <ul style="list-style-type: none"> • Drawing techniques • Design ideas • Health and safety in the workshop • Small tools and equipment • Joining methods
FPN	<p><u>Factors that affect food choices</u></p> <ul style="list-style-type: none"> • Macro and micronutrients, source, function and deficiencies and excesses

	<ul style="list-style-type: none"> • Food labelling and the law • Factors that affect food choices – religion, vegetarianism/veganism • Scottish shortbread • Vegetable samosa • Quorn Curry
Drama	<u>Script - Page to Stage</u> <ul style="list-style-type: none"> • Blocking – knowledge of stage placement; utilising set and props which is clearly identified in the script • Stage directions – following more detailed and perspective direction from the playwright. • Annotation • Using rehearsal techniques to develop characterisation
Music	<u>Reading Musical Notation-Treble Clef</u> <ul style="list-style-type: none"> • How to draw a treble clef: it is used to show how we read the notes on the lines and in the spaces of the stave. • How to read the notes on the lines when reading treble clef notation (Every Good Boy Deserves Football). • How to read notes in the spaces when reading treble clef notation (FACE=Space). • Understanding ledger lines. • Accidentals (sharp, flat and natural signs). • Combining rhythm and pitch when reading notation. • How to write musical notation accurately.
PE	<u>Development of skills and tactics in one of the following sports : netball, gymnastics, badminton, tag rugby and swimming.</u> <ul style="list-style-type: none"> • Focus on phases/importance of a warmup and cool down. • Continual development of fitness levels and knowledge of continuous training. • Participation in an interform competition. • Taster session on a new sport
RE/PSHE	<u>Living Your Best Life:</u> <ul style="list-style-type: none"> • The importance of sacred texts as a guide for life. • How do people of faith put their religious beliefs into action? • A case study of Malala