

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
English	Detective Novel	Noughts and Crosses: Drama	Breaking Barriers	Attitudes to War: Poetry / Non Fiction	Creative Writing: Identity	Shakespeare: Hamlet
Maths	Reciprocals Indices, powers and roots Standard form calculations Surd Sequences Expanding brackets Factorising Solving quadratics	Averages and range Representing and interpreting data and scatter graphs Fractions and percentages Ratio and proportion	Polygons, angles and parallel lines Pythagoras' Theorem Trigonometry Graphs: the basics and real-life graphs Linear and coordinate geometry Quadratic, cubic and other graphs Perimeter, area and circles	Circumference of a circle Area of a circle Arithmetic sequences Non-linear sequences Graphs of rates of change Graphical simultaneous equations Graphs of quadratics Non-linear graphs	Calculating probabilities Experimental probability Tree diagrams Pythagoras Theorem Congruent and similar shapes Similar shapes using ratio	Similar and congruent shapes Trigonometry Solving trigonometry problems
Science	Universe Climate and Resources Reactions and Energy	Variation and Evolution Generics	Cells States of Matter	Cells States of Matter	Atomic Structure Organisation	Structure and Bonding
French	My Family	New Technology	The World of Languages Free Time	Free Time	Francophone World Part 2 Canada	Festivals
Geography	What are ecosystems? What are primary activities?	Should we be cutting down the rainforests? What are secondary activities?	How do plants and animals adapt to the desert? What are tertiary activities?	Where do people live? What is tourism?	What is development? What are quaternary industries?	What is trade and aid? Continental study of Africa
History	How did the Cold War change the world?	Evidence enquiry - How were the Jews persecuted over time?	Evidence enquiry - How were the Jews persecuted over time?	How did black Americans fight for their equality?	What hindered Medieval Medicine?	What hindered Medieval Medicine?
Art	Sea Life Sketchbook Introduce project theme · Introduce brusho skills and techniques · Explore brusho backgrounds	Tonal shading techniques with pen · To apply mark making techniques	Developing monoprints · Exploring different media to try · Experiment with techniques and layering media	Generate a study sheet on an artist · Explore presentation skills · Use analysis and research techniques	Take a series of photographs · Introduce ipiccy as a tool to develop · Manipulate and experiment with photography as a media	Creating final pieces · Using techniques and skills that have developed over the term
Computing	How do we create effective, industry standard animations?	How do we use data to investigate problems and make changes to the world around us?	How do we use a text based language to create effective programs?	How do are databases structured and used in a professional environment?	How do are binary codes used to represent sound and images?	How do we design, create and test an effective mobile app?
Food	Functions of Ingredients Handling of Raw Meat	Functions of Ingredients	Sustainability	Practice NEA2 – Research and Planning Coating / Enrobing	Effect of heat on protiens	NEA Practice evaluation Fatless Sponge
Music	Music for Media	Music for Media	Minimalism	Minimalism	Pop Songs and Arranging	Pop Songs and Arranging
Physical Education	HRF Cycling Badminton		Basketball Football Volleyball		Athletics	Athletics Softball Rounders
PSHE	E-Safety and Self Esteem	Health and Wellbeing	Diversity Risk	Alcohol and Drugs	Relationship and Sex Education	Finance Careers
Religious Education	Religion and the Holocaust	Religion, Peace and Conflict	Buddhism	Matters of Life and Death	Religion, Crime and Punishment	Charities
Technology	Workshop safety introduction Design Brief Product Investigation The 6 R's Working with hand tools Connection methods Introduction to ACCESS FM	Technical drawing 2 point perspective Introduction of design ideas Design ideas	Plan of manufacture Modelling and cost analysis CAD Design	Mastery of skill for connection method types including outcomes that are commercially viable. Polymers theory and feedback. Paper and boards theory and feedback.	Use of tools and equipment review CAD design Final assessment feedback	Project: Metal working skills