**Year 8 assessment overview**

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| Subject | Declarative Knowledge Content | Procedural Knowledge Content |
| Art | * Art history - portraiture * Formal elements * Observational drawing * Photography * Composition | * Practical outcome - Self Portrait * Traditional media |
| Computing | * Provide examples of how different representations are appropriate for different tasks * Explain what binary digits (bits) are, in terms of familiar symbols such as digits or letters * Describe how natural numbers are represented as sequences of binary digits | * Provide examples of how symbols are carried on physical media * Measure the size or length of a sequence of bits as the number of binary digits that it contains * Convert a decimal number to binary and vice versa * Convert between different units and multiples of representation size |
| D&T Product | * Timbers * Manufactured boards * Polymers * Levers * Mechanisms * Health and Safety in the workshop | * Practical work completed to produce a Passive Speaker and mechanical coat hook |
| D&T Textiles | * Fibres to fabrics * Electronic textiles | * Practical work produced to complete an e-textile skull with embroidery |
| Drama | * Key words relating to Year 8 Drama knowledge * Devising techniques and skills | * Written test on key terms * Performance of Devised piece |
| English | * Poetic methods and techniques * Knowledge of contextual factors influencing the production each of the poems studied this term | * Academic analytical writing stems |
| Food and Nutrition | * Staple foods - pasta, rice, bread * Nutrition - nutrients, function, sources, deficiency * Nutrition through life stages * Food and religion * Fakeaway burger project - meat safety, nutrition focus | * A wide range of practical outcomes to cover staple foods (pasta, rice, bread) Fakeaway project |

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| Subject | Declarative Knowledge Content | Procedural Knowledge Content |
| French | * Reading and listening comprehension covering: * all about myself * a typical school day * my house * my town * hobbies | * Writing and speaking skills relating to declarative knowledge topics |
| Geography | * Ecosystems - biomes and the tropical rainforest * Urban opportunities and challenges | * Data interpretation and extended writing |
| German | * Reading and listening comprehension covering: * all about myself * my uniform * holidays * my town * my house | * Writing and speaking skills relating to declarative knowledge topics |
| History | * The Stuarts * The restoration and the making of the UK * The Industrial Revolution * The Atlantic Slave Trade * The British Empire | * Extended writing * Source analysis |
| Maths | * Number work * Factorising * Solving equations * Inequalities * Ratio and proportion * Pie charts * Multiplying and dividing fractions * Sequences * Straight line graphs * Non-linear graphs | * Problem solving using declarative knowledge |
| Music | * Elements of music * Music staff notation and rhythmic notation * General listening skills * Traditional music: Blues and Samba * Minimalism * Music tech theory | * Production of hip-hop piece on Bandlab, with all parts recorded in using the MIDI keyboards, with a focus on timing and use of FX |

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| Subject | Declarative Knowledge Content | Procedural Knowledge Content |
| Religious Studies | * Key knowledge of Islam, Buddhism and Sikhism | * Extended essay writing skills - constructing a balanced argument using evidence |
| Science | * Chemical changes * Respiration * Energy * Atoms, elements and compounds * Electricity * Photosynthesis * Earth and atmosphere | * Identifying independent, dependent and control variables * Drawing line graphs * Use of scientific equipment * Scientific method |
| Spanish | * Reading and listening comprehension covering: * family * free time * school | * Writing and speaking skills relating to declarative knowledge topics |