**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
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| 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
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| 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
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| 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
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| Spanish | * Reading and listening comprehension covering:
* family
* free time
* school
 | * Writing and speaking skills relating to declarative knowledge topics
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