**CURRICULUM MAP**

**YEAR 9**

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| **Subject** | **Half Term 1** |  | **Half Term 2** |  | **Half Term 3** |  | **Half Term 4** |  | **Half Term 5** |  | **Half Term 6** |
| English | Dare to Scare:  Creating descriptive writing.  Using different sentences structures for effect.  Using effective vocabulary for effect.  Planning and drafting creative writing.  Exposure to a range of fiction extracts from different genres.  Analysis of structural methods and language choices used by different writers.  Evaluating opinions about texts. | King Lear:  Shakespeare.  Learning about the historical context of Shakespearian England.  Exploring Shakespeare’s use of key language for effect.  Exploring key themes in the play.  Evaluating audience reactions to the characters’ words and actions. | My Life My Choices:  Speech writing.  Using rhetorical devices for effect.  Using emotive language for effect.  Writing for purpose and clarity.  Using a variety of methods and sentence types for effect in non-fiction writing. | Power Lang Paper 2:  Exposure to a variety of non-fiction extracts from different time periods and genres.  Comparison of viewpoints.  Comparing similar and different ideas in texts.  Analysing the effect of different language choices. | Animal Farm:  Reading for deeper meaning and creative writing.  Making links between chapters, characters and events.  Exploring language choices and methods in extracts from the novel.  Planning, writing and redrafting creative writing.  Using vocabulary and methods for effect in creative writing. | Animal Farm:  Reading for deeper meaning and creative writing.  Making links between chapters, characters and events.  Exploring language choices and methods in extracts from the novel.  Planning, writing and redrafting creative writing.  Using vocabulary and methods for effect in creative writing. |
| Mathematics | Indices and standard form.  Expressions and formulae. | Constructions  Sequences, Inequalities, Equations, and Proportion | Circles, Pythagoras, and prisms. | Graphs linear.  Graphs non-linear. | Probability.  Venn diagrams. | Trigonometry.  Comparing shape. |
| Science | Biology  Explain what immunity is.  Describe what antibiotics are  Describe the structure of DNA  Explain the theory of natural selection.  Chemistry  Explain what climate change is.  The development of the model of the atom. | Biology  Detection in biology.  Physics  The solar system and radiation.  Maths skills in science. | Chemistry  Separation techniques.  Reactions of metals and acids.  Literacy skills in science. | Physics  The Electromagnetic Spectrum.  Medicine in science. | B15  Adaptation, interdependence and competition.  C9  Crude oil.  C10  Chemical analysis. | P6  Molecules and matter.  P9  Motion. |
| Geography | Seven World’s One Planet and TRF Development.  Biomes of the world  Deserts, tundra and TRF.  Plant and animal adaptations.  How humans have adapted-the Nenets. | Fantastic Places .  Coral reef threats.  The Great Barrier Reef.  Antarctic Treaty.  Tourism in the Lake District. | 10 billion the golden number.  Can the earth cope with the growing population.  The Geography of disease.  How to solve the food, water and energy crisis. | UK Infrastructure.  UK food.  UK water.  UK energy.  Transport. improvements in the UK. | Water transfer scheme.  Focus on water deficit.  Benefits and problems of large scale water transfer. | Tectonics.  Types of plate margin.  Why people live close to tectonic hazards.  Comparing New Zealand and Hait earthquakes. |
| History | The Second World War.  -Causes of WW2.  -Did Britain stand alone?  -D-Day. | The Cold War.  -Communism versus Capitalism.  -Nuclear Arms Race.  -Vietnam. | Post War Britain.  -Welfare State and NHS.  -Migration to Britain.  -Thatcher. | USA in the 1920s.  -Immigration.  -The Economic Boom.  -Mass Production. | USA 1920-1973.  -Women in the 1920s.  -Prohibition.  -Segregation. | Medieval Medicine.  -Hippocrates and Galen.  -Medieval  Treatments.  -Public Health. |
| MFL - French  - German  - Spanish | Questions words. | Customs and Festivals. | Food and drink. | TV and cinema. | Music. | Technology and young people in society. |
| Art | Under the microscope.  Pencil.  Pen.  Collage. | Under the microscope.  Ink.  Petrie dishes. | Art and Textiles: Insects and Bugs. | Art and Textiles: Insects and Bugs. | Art and Design: Street Art & Graffiti. | Art and Design: Street Art & Graffiti. |
| Computer Science | Computer Systems:   * CPU Components. * Von Neumann Architecture. * Fetch Decode. Execute Cycle. * Embedded Systems. | Memory & Storage:   * RAM. * ROM. * Virtual Memory. * Secondary Storage. | Algorithms:   * Computational Thinking. * Searching Algorithms. * Sorting Algorithms. | Algorithms:   * Flowcharts. * Creating Flowcharts. * Pseudocode. * Using Pseudocode. | Data Representation:   * Binary. * Binary Addition. * Binary Shifts. * Hexadecimal. | Data Representation:   * Characters. * Images. * Sound. * Compression. |
| Design and Technology  *(On rotation)* | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. | Skills based Learning:  Designing and Making an Art Nouveau Table Lamp.  Levers and Linkage – Jumping Jack Project.  1,2,3rd class levers. |
| Food Technology  *(On rotation)* | Function of Ingredients 1 and 2. | Function of Ingredients 1 and 2. | Function of Ingredients 1 and 2. | Function of Ingredients 1 and 2 | Function of Ingredients 1 and 2. | Function of Ingredients 1 and 2. |
| iD/Religious Education  *(On Rotation*) | Contraception and the effectiveness.  Sexually transmitted infections.  Sexual relationships.  Safe choices and risky behaviour.  Forms of abuse within a relationship.  Same Sex relationships.  E Safety. | Prejudice and discrimination (Value of Humans, racism, civil rights movement, MLK and Malcolm X, Racism and music). | Legal and illegal drugs.  Criminal gangs.  Mental health.  Effects of taking drugs and alcohol.  How drug use affects people around the user. | A-Z of beliefs  (Religious clothing, Goddesses, Meditation, saints, temples). | What is hate crime?  Case studies:  The murder of Sophie Lancaster and Stephen Lawrence. | Catch up -  College visits.  Money sense.  Aspirations. |
| Music | Music Through Time (1680 – 1899). | Music Through Time (1942 – 1959). | Music Through Time (1963 – 1977). | Music Through Time (1980 – 1995). | Music Through Time (1996 – 2015). | Music Through Time (2015 – present). |
| Core PE  *(On Rotation)* | Rugby.  Football.  Outdoor Adventurous Activity.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activity.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activity.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activity.  Fitness. Gymnastics.  Handball.  Netball/Basketball. | Rugby.  Football.  Outdoor Adventurous Activity.  Fitness. Gymnastics.  Handball.  Netball/Basketball.  Athletics.  Striking and Fielding. | Athletics.  Striking and Fielding. |