

KS3 Curriculum Content 2021-22 – Overview for Parents

Over the next few pages subjects are listed in alphabetical order for all curriculum subjects at KS3. For each subject the curriculum content is broken down to show what is covered in each half term. This breakdown has taken into account changes made to curriculum coverage due to Covid-19 and the need to recover potential lost learning. These overviews are under constant review to ensure KS3 is being covered in depth and students are not being disadvantaged by the pandemic.

Art

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|--|--|---|---|--|---|
| Yr. 7 | Developing Skills Exploring the fundamental drawing skills used in art. | Developing Skills - Introducing colour theory, fundamental painting skills and colour blending. | David Hockney - Examining the history, visual qualities, their themes and techniques. | David Hockney - Applying four different materials to create their final David Hockney portrait. | Yayoi Kusama - Learning about mindfulness, colour theory and Japanese culture through the artist Yayoi Kusama | Yayoi Kusama - Creating a final, personal response in the style of Yayoi Kusama - consolidating drawing, painting and colour theory skills. |
| Yr. 8 | Day of the dead – Introduction to the culture and visual qualities of the festival. | Day of the dead - Calavera skull design - Creating a personal response through symbolism | Two-Point Perspective – Understanding the fundamental skills and how they apply to architectural drawing and design. | Two-Point Perspective - Creating a unique street design using the creative possibilities of perspective. | Cubism - Introduction to the movement, visual qualities and key drawing skills involved. | Cubism - Creation of a final response |

Computing

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|---|--|---|--|--|-----------------------------|
| Yr. 7 | Unit 1 – Using computers safely, effectively and responsibly <ol style="list-style-type: none"> Logging on to school systems File management Social networking Keeping your data safe Emailing | Unit 2 – Spreadsheet Modelling <ol style="list-style-type: none"> Computer models Creating and formatting a financial model What if... scenarios Conditional formatting and validation Countif function Macros and charts | Unit 3 – Control Systems with Flowol <ol style="list-style-type: none"> Flowcharts Sequencing Sensors Subroutines Actuators Variables Unit 4 – Understanding Computers <ol style="list-style-type: none"> Elements of a computer Input and output devices | Unit 4 – Understanding Computers <ol style="list-style-type: none"> The CPU Understanding Binary Binary addition Storage devices Convergence and new technologies | Unit 5 – Graphics <ol style="list-style-type: none"> Vector graphics Bitmap graphics Conveying meaning Effects and enhancements Adding text | |
| Yr. 8 | Unit 1 – Computational thinking and logic <ol style="list-style-type: none"> Logical thinking Logic gates Algorithmic thinking Abstraction Decomposition Unit 2 – Introduction to Python <ol style="list-style-type: none"> Introducing Python Strings and variables Numbers and arithmetic | Unit 2 – Introduction to Python <ol style="list-style-type: none"> Selection Unit 3 – AI and Machine Learning <ol style="list-style-type: none"> What is AI? Machine learning Ethics of AI Image recognition Turing tests and chatbots Rate my review | Unit 4 – Computer Crime and Cyber Security <ol style="list-style-type: none"> Email scams Computer misuse Protecting personal data Copyright Health and safety | Unit 5 – Database Development <ol style="list-style-type: none"> Introduction to databases Queries Planning and creating a database Input forms Creating a report | | |

Design Technology

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|--|------------------------------------|---|---------------------------------------|--------------------------------|-----------------------------|
| Yr. 7 | Baseline Testing / Workshop Licence | Drawing and Presentation Skills | Slot Together Animals | Slot Together Animals / Block Bots | Block Bots | Packaging Design |
| Yr. 8 | Electronics (Touch Torch/Night Light) | CAD/CAM Skills | Drawing and Presentation Skills for Engineering | Popup Card | Product in a Tin | Product in a Tin |

Drama

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|----------------------------|---|------------------------------------|-------------------------------|--------------------------------|-----------------------------|
| Yr. 7 | The Actor's Tools | The Ballad of Charlotte Dymond | Live Theatre Review (Peter Pan) | Matilda - Page to Stage | Harry Potter | Soap Opera |
| yr. 8 | Our Day Out | Structuring Improvisation (Practitioners) | Live Theatre Review | Investigative Drama | Noughts and Crosses | Teenage Runaway |

English

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|--|---|---|--|---|---|
| Yr. 7 | Pre-1914 Novel - The Secret Garden (Emphasis on Writing) | Poetry - Identity Poetry (Emphasis on Reading) Short Stories – a Twist in the Tale (Emphasis on Reading) | Modern Fiction – The Woman in Black (Emphasis on writing) Literacy Heritage – Greek Mythology (Emphasis on Speaking and Listening) | Non-Fiction – Creating a viewpoint (Emphasis on writing) | Shakespeare – Much Ado About Nothing (Emphasis on Reading) | Modern Novel – Ruby in the Smoke (Emphasis on Reading) |
| Yr. 8 | Poetry – Around the world in 80 poems (Emphasis on Reading) | Shakespeare – Macbeth (Emphasis on Reading) | Pre-1914 Novel – Frankenstein (Emphasis on Reading) | Media - (Emphasis on Reading) | Modern Drama – Noughts and Crosses play (Emphasis on Reading) | Fiction – Atmospheric Writing (Emphasis on Writing) |

French (Modern Languages)

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|--|---|--|--|---|--|
| Yr. 7 | <p>Module 1: La rentrée (Back to School)</p> <ul style="list-style-type: none"> - Saying your name - Talking about brothers, sisters and age - Describing a classroom - Talking about likes and dislikes - Describing yourself and others | <p>Module 1: La rentrée (Back to School)</p> <ul style="list-style-type: none"> - Saying what you do - Creating a video interview about yourself - Giving dates in French - Christmas in France | <p>Module 2: Mon temps libre (Free time)</p> <ul style="list-style-type: none"> - Talking about weather and seasons and learning more key French sounds - Talking about which sports you play - Discovering sport in French-speaking countries - Talking about what you like doing | <p>Module 2: Mon temps libre (Free time)</p> <ul style="list-style-type: none"> - Creating an interview with a celebrity - Cultural: Easter in France | <p>Module 3: En ville (In town)</p> <ul style="list-style-type: none"> - Talking about places in a town or village, understanding prices in French - Saying where you go at the weekend - Inviting someone out - Ordering drinks and snacks in a café | <p>Module 3: En ville (In town)</p> <ul style="list-style-type: none"> - Saying what you are going to do - Talking about plans for a special weekend - French Film study |
| Yr. 8 | <p>Module 1: Vive les vacances! (Holidays)</p> <ul style="list-style-type: none"> - Talking about school holidays - Saying what you visited and what it was like - Saying what you did during the holidays | <p>Module 1: Vive les vacances! (Holidays)</p> <ul style="list-style-type: none"> - Taking part in an interview about a special holiday - Cultural: Francophone Country Study/project | <p>Module 2: J'adore les fêtes! (Festivals)</p> <ul style="list-style-type: none"> - Understanding dates, saying what festivals you like and dislike - Describing a festival - Buying food at a market - Talking about what you are going to eat on a special day | <p>Module 2: J'adore les fêtes! (Festivals)</p> <ul style="list-style-type: none"> - Talking about a future trip - Cultural: Project - planning a visit to Carnival de Nice (Future tense) | <p>Module 3: Le monde est petit (Where I live)</p> <ul style="list-style-type: none"> - Talking about where you live and describing the weather - Describing where you live - Talking about how you must help at home | <p>Module 3: Le monde est petit (Where I live)</p> <ul style="list-style-type: none"> - Talking about how you must help at home - Talking about daily routine - French Film Study |

Food Preparation and Nutrition

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|--|--|--|--|--|---|
| Yr. 7 | Food Safety Culinary Skills Nutrients and Nutrition | Carbohydrates Fats Food Choices Commodities | Fish Bread Meat | Pastry Protein Functions of Ingredients | Heat Exchange Food Science | Self-Choice End of Year Assessments |
| Yr. 8 | Nutrition Food Choice Food Poisoning | Culinary Skills Digestion Nutrition Fats and Oils | Dietary Needs through Life Functions of Eggs Pastry | Fish Food Science | Production Flowcharts Methods of Cooking | Self-Choice End of Year Assessments |

Geography

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|---|---|---|--|--|--|
| Yr. 7 | UK Geography, World Geography and Reading Maps | Weather and Climate | Changing Landscapes (Rocks & Weathering, Rivers and Flooding) | Icy Planet (Ice Ages, and Glaciation) | Icy Planet (Ice Ages, and Glaciation) Crowded Cities (Urbanisation and Population) | Crowded Cities (Urbanisation and Population) |
| Yr. 8 | Living Planet (Biomes) including place studies of the Thar Desert and Antarctica | Factfulness – Why are we wrong about the world (International Development?) | Hazardous Planet | Global Village (Globalisation) | Shifting Coastlines | Resourceful World (economic activity and use of resources) |

History

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|---|-------------------------------|---------------------------|-------------------------------|--|---------------------------------------|
| Yr. 7 | Topic 1: What is History? Topic 2: Local Study – The Development of York | Topic 3: The Norman Conquest | Topic 4: The Crusades | Topic 5: The Reformation | Topic 6: Enter the Stuarts... Topic 7: The World Turned Upside Down | Topic 7: The World Turned Upside Down |
| Yr. 8 | Topic 1 – The Great War | | Topic 2 - The Holocaust | | Topic 3 – Slavery to Civil Rights. | |

Mathematics

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|-------|---|--|--|---|--|--|
| Yr. 7 | Unit 1 - Numbers and numerals Unit 2 – Axioms and Arrays Unit 3 – Factors and Multiples Unit 4 – Order of Operations | Unit 5 – Positive and negative numbers Unit 6 – Expressions, equations and inequalities | Unit 7 – Angles Unit 8 – Classifying 2D shapes Unit 9 – Constructing triangles and quadrilaterals | Unit 10 – Coordinates Unit 11 – Area and Perimeter of 2D shapes Unit 12 – Transforming 2D figures | Unit 13 – Prime factor decomposition Unit 14 – Conceptualising and comparing fractions Unit 15 – Manipulating and calculating with fractions Unit 16 – Ratio Unit 17 – Percentages | |
| Yr. 8 | Unit 1 - Sequences Unit 2 - Forming and solving equations Unit 3 - Forming and solving inequalities | Unit 4 - Linear graphs Unit 5 - Accuracy and estimation | Unit 6 - Ratio Unit 7 - Real life graphs and rate of change Unit 8 - Direct and inverse proportion | Unit 9 - Univariate data Unit 10 - Bivariate data | Unit 11 - Angles in polygons Unit 12 - Bearings | Unit 13 - Circles Unit 14 - Volume and surface area of prisms |

Music

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/Jun | Half term 3B Jun - July |
|-------|--|---------------------------------|---------------------------|-------------------------------|-------------------------------|---------------------------------|
| Yr. 7 | Night & Day, Exploration of the Musical Elements | Instruments of the Orchestra | Rhythm & Pulse | Keyboard Skills | Form & Structure | Folk Music |
| Yr. 8 | Rhythms of Africa | Advanced Keyboard Skills | Music of the Caribbean | Body Percussion | Musical Variations | Jazz and Blues Improvisation |

PSHE

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/Jun | Half term 3B Jun - July |
|-------|--|---|---|---|--|--|
| Yr. 7 | Health & Wellbeing Transition to secondary school & My health | Living in wider world Enterprise & Employment | Relationships Diverse relationships Developing positive healthy relationships | Health & Wellbeing Risky behaviour Managing puberty and unwanted contact. | Relationships Importance of my relationships | Living in wider world Managing my way in the world |
| Yr. 8 | Health & Wellbeing Keeping myself safe | Living in wider world What are my rights and responsibilities | Relationships Human rights and respected relationships Keeping safe & building positive relationships | Health & Wellbeing Building my self- esteem and resilience Self-aware and body confidence | Relationships Keeping control | Living in wider world Money management |

Religious and World views

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|------|---|--|---------------------------|-------------------------------|---|-----------------------------|
| Yr 7 | What is so radical about Jesus? (Believing) | Should religious buildings be sold to feed the starving? Christian, Muslim &/or Sikh (Expressing) | PSHE focus in lessons | PSHE focus in lessons | What is good and what is challenging about being a teenage Sikh or Buddhist or Muslim in Britain today? (Living) | |
| Yr 8 | Does living biblically mean obeying the whole Bible? (Believing) | How can people express the spiritual through the arts? Buddhist, Christian, Jewish, Muslim Sikh (Expressing) | PSHE focus in lessons | PSHE focus in lessons | Does religion help people to be good? Buddhist, Christian, Muslim, Sikh & non-religious eg Humanism (Living) | |

Science

| | Half term 1A Sept - Oct | Half term 1B Oct/Nov - Dec | Half term 2A Jan - Feb | Half term 2B Feb – Mar/Apr | Half term 3A Apr – May/June | Half term 3B June - July |
|------|--|---|---|--|---|---|
| Yr 7 | Introduction to Science and Safety Ecosystems | Particles and Separating Speed and Gravity | Electricity Reproduction and Variation | Acids and Alkalis Metals and Non-Metals Energy | Waves Earth and Space/Universe | Cells and Movement Preparation for End of Year Assessments |
| Yr 8 | Forces and Pressure Breathing and Digestion | Elements and the Periodic Table Magnetism | Work and Energy Heating and Cooling | Reactions and Chemical Energy Evolution and Inheritance | Climate and Resources Respiration and Photosynthesis | Waves and Properties Preparation for End of Year Assessments |