

Tutor time: **WEEK A Mon** - Current Affairs and Literacy task **Tues** - Tutor Challenge **Weds** - Assembly, **Thurs** – Pupil led Collective Worship, **Fri** - Silent reading



WEEK B Mon - Current Affairs and Numeracy task, **Tues** – Attendance Tracker, **Weds** – Assembly, **Thurs** – Pupil led Collective Worship, **Fri** - Silent reading

Year 9 Curriculum

Ambitious and Challenging
Broad and Balanced
Equality of Opportunity

| | Maths | English | Science | RE | History | Geography | MFL | Music | PE | Technology | Art | Food | Drama | Computing | |
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| Term 1 | <p>STAGE 3 HCF & LCM of two or more numbers. Short division for dividing 3 by 1 digits with integer remainders. Scale drawings. Convert metric units. Equivalent fractions & fractions of amounts. Solve area problems incl. compound shapes, median & range. Solve worded & multi-step problems adding & subtracting up to 4 digit integers MATHS WEEK</p> <p>STAGE 5 Round to decimal places & significant figures. Solve & represent inequalities on a number line. Solve problems involving circumference of a circle Convert metric units of area & volume. Write time in various units Multiply & divide integers & decimals. Plot & interpret time series & scatter graphs Construct triangles, quadrilaterals & a hexagon</p> <p>STAGE 6 Solve problems involving perimeter of circle sectors Understand congruency & similarity. Area & volume of similar shapes. HCF & LCM using prime decomposition Find the nth term & quadratic sequence given nth term Work with bearings; calculate using exterior angles. Categorise using diagrams to obtain information about data; use stratified sampling Apply the laws of indices for all integers</p> <p>STAGE 7 Use compound measures Factorise by finding the difference of two squares Estimate by rounding to significant figures Understand & use error intervals & truncating Calculate & solve problems inc. surface area of prisms, spheres & pyramids Calculate averages from grouped frequency tables. Venn diagrams including notation. Change the subject of a formula</p> | <p>Investigative Project Pupils hone research skills and consider how to structure their findings in a written report. Contemporary Novel Pupils develop an understanding of how a range of perspectives influence mood.</p> <p>Journalism External Speaker. Rotary Youth Speaks. SMSC: Racism/Drugs.</p> | <p>Cells in the body Periodic table and the elements Energy and particle arrangements</p> <p>How scientific theories have developed, developing hypotheses</p> <p>Bright futures (1) Microbiology Women in engineering</p> | <p>Islam—99 names of Allah, the life of the Prophet Mohammed, the importance of the Qur'an and the Hadiths, the Five Pillars of Islam. Sanctity of Life - abortion, euthanasia and hospice care.</p> <p>Skills - Being able to identify and explain key features in greater detail. To show an awareness of different sources of authority. Learning to put forward a convincing argument and support it with evidence</p> | <p>Introduction to the 20th century. International Relations and the Causes of WW1: 1871-1914. Essay. WW1: 1914-18. Exam End of war, Armistice, Versailles. International relations: Hitler's foreign policy and causes of WW2. WW2: blitzkrieg, Dunkirk, B of Britain, Stalingrad, D Day.</p> <p>100 Y9 visit the WW1 battlefields, cemeteries and memorials in mid-October.</p> | <p>Tourism-in U.K. & global Tourism/sustainable tourism & development. Skills- OS maps evidence of land-use Pie charts Tectonic Hazards. Skills-Photo interpretation/aerial pictures/latitude and longitude Castleton trip – collecting fieldwork data/experiences of rural landscapes. Places and why people choose to live in hazardous environments.</p> | <p>FRENCH Sets 1-3 TV, cinema & reading. Daily routine in the past Skills Pronouns, Perfect Tense, reflexive verbs Sets 4-7, Holidays Skills, perfect & future proche</p> <p>SPANISH Family, animals, descriptions, friends Skills SER, adjectival agreements, possessive. Adjectives, present tense, conditional tense, near future.</p> <p>GERMAN Where I live & activities. Past & future holidays. Skills Regular & irregular present tense. Future tense, perfect tense.</p> | <p>Introduction to band skills—learning basic skills taught on guitar, bass, drums, ukulele and keyboards. Learning set pieces as a class before breaking out into groups.</p> <p>Listening, performing, evaluating. (Links: 7 tm2 notation and group singing; 7 tm3 mash-ups and ukulele work; 8 tm1 blues; 8 tm3 instrumental skills; solo and ensemble performance at KS4)</p> | <p>Develop complex skills in invasion games, using a range of tactics & strategies. Greater focus on tactical & game-play. Football - set-pieces, formations, team strategies Netball - holding space, set-pieces, team moves, tactical strategies Basketball - tactical play: screens, different formations, overloading, box the key Handball - evasion, shooting, tactical play (defence & attack), Overloading Rugby - running from deep, kicking, set plays, scrums, team strategy Hockey - creating overload, tactical play, shooting at goal</p> | <p>Rotation one (8 weeks) DESIGN, MAKE & EVALUATE USB</p> <p>Investigation (Design brief and product analysis) Prompts for design brief and ACCESSFM criteria for PA)</p> <p>Manufacturing specification and restrictions</p> <p>Initial ideas (sketching 2D and 3D, rendering and annotation)</p> <p>Further development and research</p> <p>Modelling, prototyping and third party feedback</p> <p>Working drawing (to scale)</p> <p>Packaging (Product analysis of existing commercial packaging and GCSE style questions)</p> <p>Photoshop</p> <p>Record of manufacture</p> <p>Evaluating. (A pupil led activity with minimal teacher intervention. Some leading questions used to prompt answers.)</p> <p>MORE ADVANCED MANUFACTURING SKILLS CAD, laser cutting, filing, sanding and polishing Mould manufacture: sawing, sanding, filing and vacuum forming</p> <p>Rotary technology tournament, industrial manufacture</p> | <p>Rotation 1 (8 weeks) Term 1– Identity/Pop Art</p> <p>Home works to enhance the work done in class.</p> <p>Knowledge, understanding & connections.</p> <p>Power points. Develop ideas from a design brief</p> <p>Demonstrate their ability to bring together their knowledge, understanding, connections and skills.</p> <p>Evidence of written annotation.</p> <p>Research on an artist showing connections within their own work.</p> <p>Experimentations using a mixture of materials and techniques. Batik imprints in more detail.</p> <p>Sgraffito Primary studies using mixed materials.</p> <p>Secondary studies using mixed materials.</p> <p>Introducing different techniques and skills.</p> <p>Test pieces using mixed materials.</p> <p>Initial ideas using mixed materials.</p> <p>Final designs refined.</p> <p>Working in the Style of the artist.</p> | <p>Rotation 1 (8 weeks)</p> <p>Theory and Practical Types of Pastry Eggs and uses GCSE style task on Raising agents Science of food (learn how to hypothesise and evaluate dishes getting ready for NEA 1 in Year 10 Cultural dishes Ethics of food task Fibre and Water Thickening agents Properties and types of flour Food Allergies Product Analysis— Dairy Evaluating Weighing/ measuring ingredients</p> <p>Practical- Lasagne, Fruit Pie, Chicken Curry, Jambalaya, Yaki Soba. Cheesecake, Tiffin, Homemade Pizza.</p> <p>MORE ADVANCED MANUFACTURING SKILLS CAD, laser cutting, filing, sanding and polishing Mould manufacture: sawing, sanding, filing and vacuum forming</p> <p>Yaki soba, Jambalaya lessons big focus on cultural food</p> | <p>Carousel (8 weeks) ASBO</p> <p>Theatre Company</p> <p>Production</p> <p>Lighting</p> <p>Sound effects</p> <p>Script Writing</p> <p>Stage directions</p> <p>Split Scene</p> <p>Duologues</p> <p>All Yr. 7,8,9 drama techniques</p> <p>Directing</p> <p>Evaluation of performance</p> <p>SKILLS: FREEZE FRAME, THOUGHT TRACK, BODY AS PROP, MIME, PLACARDS, SCRIPT WRITING, PHYSICAL THEATRE, EVALUATION, STAGE DIRECTING</p> <p>Theatre Trip/involvement in production/open evening/options eve</p> | <p>Carousel—16 lessons approximately over two blocks.</p> <p>Term 1: Python programming <i>Programming skills using a high level language at intermediate level:</i></p> <p>Data types & arithmetic</p> <p>Selection & Loops</p> <p>Writing algorithms</p> <p>Term 2: Creative iMedia <i>Skills in combining images, text and video across applications:</i></p> <p>Animation</p> <p>Video and sound creation</p> <p>Image & text manipulation</p> | |
| | Term 2 | <p>STAGE 3 Write algebraic expressions. Basic angle facts. Solve data problems incl. dual & composite bar charts. Read, write, order & compare numbers up to 10000000. Order decimals up to 3 digits using symbols. Know equations & plot vertical & horizontal lines on axes NSPPC Numbers Day</p> <p>STAGE 5 Multiply & divide positive & negative integers, F&D including with a calculator. Solve problems inc. area of a circle Calculate angles in parallel lines Solve problems involving Pythagoras' theorem in 2D Add & subtract +ve & -ve integers. Increase/ decrease an amount by a percentage Calculate & solve problems involving volume of prisms</p> <p>STAGE 6 Solve problems including four operations on mixed numbers. Area of circle sectors. Decide which average to use Sketch & interpret real life graphs Expand & double brackets & factorise quadratics (a=1) Interpret & use ratio & fractions in context & graphically</p> <p>STAGE 7 Solve growth & decay & original value problems Calculate using negative indices Find a linear equation given two coordinates Find the equation of perpendicular lines Construct & use tree diagrams for events without replacement. Product rule for counting Solve problems using trigonometry Calculate the volume of spheres & pyramids</p> | <p>Love Poetry Pupils develop comparative analysis essay skills. Advertising Pupils clearly understand how to meet an audience's needs through written techniques.</p> <p>London Residential. World Book Day Events.</p> | <p>Organisation of living things Bonding and structures in Chemistry</p> <p>Planning of experiments, interpreting data and spotting patterns, presenting explanations</p> <p>Future U, Atmosphere (MM), Bright futures (2), Sex Ed.</p> | <p>GCSE Catholic Christianity: Beliefs and Teachings - The Trinity, Creation, The Nature of Humanity, Incarnation, Paschal Mystery, Eschatology.</p> <p>Skills - To explain key concepts and reasons for Catholic beliefs, using sources to support points. To begin</p> | <p>Completing WW2: Pearl Harbour and Atomic bombs, exam. Germany 1889-1945: rise of Nazis, Weimar Germany, Nazi take-over and changes. Project</p> | <p>China-country study Skills-Population pyramids/choropleth maps Resources and Globalisation- Skills-interpretation of graphs/maps/issue evaluation Country study. World issues; globalisation and pros and cons of trans national companies like Nike. Making connections between our own lives and those in LICs.</p> | <p>FRENCH Sets 1-3 Personal & Professional future plans. Skills future tense Sets 4-7 Describing school/rules & comparing Personal & Professional future plans Skills future, conditional verbs and implied future SPANISH Countries, house & description, places in town, daily routine. Skills Estar, Vivir, prepositions, conditional tense, comparatives & superlatives, Reflexive verbs. GERMAN Healthy lifestyle. Foods/meals Healthy Vs unhealthy habits. Skills Using modal verbs. Word order consolidation. Conditional tense full conjugation.</p> | <p>Development of band skills. Extension of learning set pieces. Working on mash-ups and medleys—adding own sense of style to cover versions. Listening, performing and arranging and evaluating. (Links: 7 tm3 mash-ups and medleys; 8 tm1 blues; 8 tm3 instrumental skills; solo and ensemble performance at KS4)</p> | <p>Develop complex skills in individual activities & net games, using a range of tactics & strategies. Greater focus on tactical play. Badminton - clear, net shots, smash, doubles rules and tactics Table Tennis - loop, chop, spin serve, third-ball attack Gymnastics - vaulting: inverted jumps, straight somersaults; trampolining: advanced twists, somersaults Fitness - personal exercise plans, Dance - perform / choreograph routines with fluency and accuracy</p> | <p>Working drawing (to scale)</p> <p>Packaging (Product analysis of existing commercial packaging and GCSE style questions)</p> <p>Photoshop</p> <p>Record of manufacture</p> <p>Evaluating. (A pupil led activity with minimal teacher intervention. Some leading questions used to prompt answers.)</p> <p>MORE ADVANCED MANUFACTURING SKILLS CAD, laser cutting, filing, sanding and polishing Mould manufacture: sawing, sanding, filing and vacuum forming</p> <p>Yaki soba, Jambalaya lessons big focus on cultural food</p> | <p>Research on an artist showing connections within their own work.</p> <p>Experimentations using a mixture of materials and techniques. Batik imprints in more detail.</p> <p>Sgraffito Primary studies using mixed materials.</p> <p>Secondary studies using mixed materials.</p> <p>Introducing different techniques and skills.</p> <p>Test pieces using mixed materials.</p> <p>Initial ideas using mixed materials.</p> <p>Final designs refined.</p> <p>Working in the Style of the artist.</p> | <p>SKILLS: FREEZE FRAME, THOUGHT TRACK, BODY AS PROP, MIME, PLACARDS, SCRIPT WRITING, PHYSICAL THEATRE, EVALUATION, STAGE DIRECTING</p> <p>Theatre Trip/involvement in production/open evening/options eve</p> | <p>Animation</p> <p>Video and sound creation</p> <p>Image & text manipulation</p> | |
| | | Term 3 | <p>STAGE 3 Shade percentages of shapes converting between FDP. Translate using vectors & reflect on a coordinate grid. Write worded formulae. Solve probs - positive & negative integers & simple FDP. Understand & the 0-1 probability scale. Write & solve two step equations using balancing with positive integer sols. Solve simple proportion probs Construct 2D shapes given metric lengths & angles</p> <p>STAGE 5 Calculate missing values in frequency trees Understand & calculate using relative frequency Identify parallel lines to graphs; solve problems on coordinate axes Use equivalent ratios to solve harder problems. Write, convert, order & calculate standard form Describe & draw all four transformations including enlargement with positive scale factors</p> <p>STAGE 6 Substitute & derive difficult formulae Construct & use tree diagrams for events with replacement Construct & solve linear equations with unknowns on both sides giving negative & fractional solutions Solve problems involving loci & constructions Solve quadratic equations when a=1. Plot & interpret quadratic & cubic graphs including with a calculator</p> <p>STAGE 7 Solve more difficult equations including fractions & negatives. Solve simultaneous equations Understand, use & calculate with vectors. Draw & describe enlargements involving negative scale factors Recognise & plot reciprocal graphs</p> | <p>Victorian English Pupils use non-fiction stimuli to consider historical context. GCSE Spoken English Pupils communicate a personal viewpoint using complex vocabulary.</p> <p>Victorian Town Trip. Archdiocese Public Speaking.</p> | <p>Arrangement of particles and how it affects their structures Energy Changes in Chemistry Selecting techniques and apparatus for experiments, recording observations and measurements appropriately</p> <p>Big Bang, Salter's Chemistry Festival</p> | <p>GCSE Catholic Christianity: Forms of Expression and Ways of Life - Church features, Sacred objects, religious artwork, sculpture, music and drama</p> <p>Skills - To identify religious symbols and say how they are used to express belief. To identify religious imagery and to explain different interpretations. To evaluate the importance of forms of expression.</p> | <p>Completing the Holocaust, exam. America in the 20th Century: intro, 1920s Jazz Age, Wall St Crash, Depression, Cuba, Space and nuclear races, JFK. The Vietnam War The end of the Cold War, 9/11.</p> | <p>Coasts coasts/interactions between physical and human geography skills-Map skills review/identifying features from OS maps/relief patterns/tourist features/decision making activity Coastal field work skills Skills-as above</p> <p>Place: coastal areas around the U.K.</p> | <p>FRENCH Describing illnesses & injuries. Healthy living & lifestyle Skills Expressions with avoir, reflexive verbs in the perfect tense</p> <p>SPANISH Free time, opinions & reasons, music, plans for the weekend Skills present tense, stem changing verbs, comparatives & superlatives, near future recap.</p> <p>GERMAN Trips, visits, customs & festivals. Skills Adjectival agreements. Using 3 time frames. Word order consolidation.</p> | <p>Working on own choice of material. Developing as a band. Working out own arrangements of songs. Listening, performing, arranging, composing and evaluating. Links: 7 tm3 mash-ups and medleys; 8 tm1 blues; 8 tm3 instrumental skills; solo and ensemble performance at KS4; composition at KS4)</p> | <p>Develop complex skills in athletic activities & striking & fielding games, using a range of tactics & strategies. Greater focus on tactical and game-play. Athletics (track) - stride pattern, timing, race-management Athletics (field) - movement and release / flight landing Cricket - batting: drive, pull, hook, sweep; bowling: variation in pace, line and length; open-play games Rounders - BH hits, variety of bowling techniques, tactical fielding Softball - tactical play / stealing bases, hitting for space</p> | <p>MORE ADVANCED MANUFACTURING SKILLS CAD, laser cutting, filing, sanding and polishing Mould manufacture: sawing, sanding, filing and vacuum forming</p> <p>Rotary technology tournament, industrial manufacture</p> | <p>Final designs refined.</p> <p>Working in the Style of the artist.</p> | <p>Yaki soba, Jambalaya lessons big focus on cultural food</p> | <p>Animation</p> <p>Video and sound creation</p> <p>Image & text manipulation</p> |

