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|  | **Term 1** | **Term 2** | **Term 3** | **Term 4** | **Term 5** | **Term 6** |
| **Art** | Sea-life, Architecture, Objects or Food Project | Develop coursework | One-to-one exam preparation focussed on live GCSE exam. | | |  |
| **Biology** | DNA, the genome, expression and mutation. Antibiotic resistant bacteria. | Exam skills and revision | | | |  |
| **Catering** | Nutrition  Why is it needed and how do individuals differ in their need for nutrition? What are the effects of poor nutrition, allergies and dietary choices? Time plans, basic recipes, prepare a dish around a given item (i.e. pasta/chicken), garnishing skills | Choice  Reasons for choice, why do people make the choices they do, what are the factors to consider when menu planning. What are the environmental issues regarding the industry and how can they be overcome? Dishes suitable for NEA tasks such as wellingtons, lasagne, or suitable accompaniments | NEA  Practise NEA (9 hours, including a 2 hour mock practical, blocks of 45 minutes). Refresh previous knowledge if needed following mock NEA. NEA (9 hours, broken down to 45 minutes per lesson). Practise dishes chosen for NEA, in preparation of formal assessment. Formal Practical Assessment (2 h) | Unit 1 theory; EHO, hospitality industry  Practise chosen dishes for NEA. Formal Practical Assessment (4 hours) | Revision of unit 1 topics, including practice exams  Technical challenges to assist revision if appropriate. |  |
| **Chemistry** | Using our resources. | Exam skills and revision | | | |  |
| **Combined Science** | Biology Variation and evolution.  Chemistry Crude oil distillation and uses  Physics. Magnetic fields. Electromagnets. Motor effect | Biology Adaptation, interdependence and competition. Biodiversity & ecosystems. Interdependence  Chemistry Hydrocarbons. Chemical analysis  Physics. Revision | Biology Revision  Chemistry Evolution and modern alteration of the atmosphere.  Physics. Revision | Biology Revision  Chemistry Use, reuse and recycling of water, metals and other products.  Physics. Revision | Biology Revision  Chemistry Revision.  Physics. Revision |  |
| **Construction** | Unit 2 Practical  Painting & decorating practice. Wall papering, surface prep and painting. | Unit 2 Practical Assessment  Painting and decorating the stud wall made for the joinery assessment.  Planning & evaluation of practical tasks. | Unit 2  Completion of all remaining unit 2 coursework | Exam Preparation  Formalising theory for Unit 1 . Health and safety legislation & its application to different scenarios. | Exam Prep  Roles within the construction industry and project planning. |  |
| **Drama** | Component Three  Performance Ability. Line Learning. Use of key dramatic skills | | Component One  Evaluating the work of professional theatre makers. Ability to interpret and assess other’s interpretation of scripted work. Develop and be able to communicate a critical understanding of theatre. Study of ‘The Crucible’ by Arthur Miller. Study of a live performance (unknown) | | |  |
| **Engineering** | Unit 2. Producing Engineering Products NEA.  Reading & interpreting technical drawings. Symbols and conventions. Data charts. Project planning, method statement, plan of manufacture. Jigs & manufacturing aids.  Practical task. | | | Unit 3 Solving Engineering problems  Environmental issues. Properties of materials & material classification. Recap on isometric & orthographic, section views & converting between drawing styles, industrial manufacturing processes. | |  |
| **English** | English Language Paper 1  C20th, C21st fiction texts – identify/interpret explicit/implicit information or ideas; analyse how/why writers use language/structure; PEA/critical evaluation.  Writing to describe or narrate, SPaG, cohesion/planning, crafting/vocab, proof-reading | | English Language Paper 2  Variety of text pairs – C19th – C21st non-fiction and lit non-fiction. Synthesis and comparison skills; identify/interpret explicit information or ideas; PEA/critical evaluation. Writing to express a point of view, SPaG, cohesion/planning, crafting/vocab, proof-reading | | Final revision/exam preparation |  |
| **French** | *School* Four time frames. Imperative. Topic vocab: jobs and careers, skills, interviews, future plans/hopes/wishes. Education and school. | *World of work* The subjunctive. Topic vocab: jobs and careers, skills, interviews, future plans/hopes/wishes. Education and school. | *Global issues* The passive. Topic vocab: protecting the environment, problems, ethical issues, volunteering, community events. | Exam skills and revision | Revision and exam period |  |
| **Geography** | Global Hazards  Why do we have weather extremes? When does extreme weather become a hazard? Case studies of 2 natural weather events. What processes occur at plate boundaries? How can tectonic movement be hazardous? Case study of a volcano/earthquake How does technology have the potential to save lives in hazard zones? | Sustaining Ecosystems  Key components of an ecosystem. Ecosystems around the world. Tropical rainforests. Case study of sustainable management of a tropical rainforest. Polar environments. Case study of small-scale sustainable management of a polar environment. Case study of global scale sustainable management of a polar environment. | Dynamic Development  What is development and how can it be measured? What has led to uneven development? Case study of an LIDC’s development over time. | Resource Reliance  How has increased demand for resources affected our planet? What does it mean to be food secure? Case study of attempts to achieve food security in one country. How sustainable are strategies to achieve food security? | Revision and  Geographical Exploration Preparation  Command words. Exam technique. 12 mark questions |  |
| **German** | *Im Urlaub und zu Hause* GCSE Theme 2 – local, national, international and global areas of interest. Perfect Tense: regular and irregular verbs. Pluperfect tense. *Nach/in/an Werden* in the present tense. Topic vocab: travel and tourism, holidays, weather, home town | *Eine wunderbare Welt, pt. 1* GCSE Theme 2 – local, national, international and global areas of interest. All cases. *Um…zu…*numbers. Topic vocab: music festivals, sporting events | *Eine wunderbare Welt, pt. 2* GCSE Theme 2 – local, national, international and global areas of interest. Adjectives, comparatives, superlatives. Passive voice. Topic vocab: social issues, homelessness, poverty, environmental issues, recycling, campaigns and prevention | *Rund um die Arbeit* GCSE Theme 3 – current and future study and employment. Present, perfect, pluperfect, imperfect, future, conditional. Conjunctions and intensifiers  Sequencers. Topic vocab: jobs, careers, role play (job application), dream jobs, languages |  |  |
| **History** | Assessment and overview of Quarry Bank Mill site investigation  The Making of America  Expansion to 1838. Expansion of slavery | The Making of America  Expansion of slavery. Removal of indigenous people from the east. Plains Indians culture. Expansion to the West. Gold Mining, Mormons  Pioneers | The Making of America  Causes of the Civil War. Experience of the war. Reconstruction. Settlement and conflict on the Plains 1861-1877. Change in culture in the west and east 1877-1900 | The First Crusade  Origins 1070-1095. Urban II. The First Crusade. The People’s Crusade Into Asia Minor- December 1096 to October 1097 | The First Crusade  Antioch - October 1097 to June 1098. Jerusalem -July 1098 to July 1100 |  |
| **Maths** | Number 1  Numerical calculations with integers, directed numbers, indices and surds. Order of operations. Place value and rounding. Factors, multiples, primes, square numbers, HCF and LCM. Index notation  Algebra 1  Forming algebraic expressions and equations. Simplifying expressions. Expanding brackets and factorising. Algebraic substitution. Solving equations. Plotting and interpreting graphs of equations. Properties of graphs and functions | Geometry 1  Types of angles. Measurement and construction of angles, shapes and loci. Angle properties of lines and shapes. Similarity and congruence of shapes, reasoning and proof of angle facts.  Probability  Probability scales 0 to 1 – fractions decimals or %. Mutually exhaustive and equally likely outcomes. Listing outcomes, sample space diagrams & 2-way tables. Venn diagrams. Combinations of outcomes; ‘and’ & ‘or’ | Ratio & Proportion  Comparisons using fractions, decimals & percentages. Proportional reasoning. Sharing and comparison using ratios – best buys. Direct and indirect proportionality. Compound measures. Percentage increase & decrease - Profit and loss. Compound and simple interest  Geometry 2  Symmetries of 2D shapes. Reflection, rotation, translation and enlargement. Transformations on a co-ordinate grid. Transformations producing similar or congruent shapes. Combinations of transformations. Pythagoras’ Theorem. Trigonometry | Presenting Data  Types of data. Data collection. Construct and interpret frequency diagrams – bar charts, pictograms, pie charts, stem-leaf diagrams, box plots, frequency polygons, line graphs, cumulative frequency histograms. Calculate and interpret averages and measures of spread – mean, median, mode, range and interquartile range. Grouped frequency tables | Number 2  Calculations with fractions and decimals. Fraction, decimal and percentage equivalence. Estimation and rounding. Lower and upped bounds  Algebra 2  Generate sequences from rules and patterns. Find rules from sequences and patterns. Arithmetic and geometric sequences. Quadratic sequences. Inequalities using number lines and algebra. Solving inequalities. Simultaneous equations. |  |
| **Media** | Developing Digital Media Production Skills (A/V)  Planning skills (treatments, screenplays, storyboards, shot lists). Content creation skills (shooting video, framing, camera movement, recording audio). Shaping/refining skills (editing video, mixing sound) | Apply Digital Media Production Skills (A/V)  Undertake pre-production processes: creating a sound script, shot list, storyboard and shooting script. Undertake production processes: shooting footage, recording audio. | Apply Digital Media Production Skills (A/V)  Undertake post-production processes: editing audio, editing video, rendering.  Review own progress and development of skills  Further development of skills and technique, responding to feedback, identifying strengths and weaknesses | Creating a media product in response to a brief  Understand how to develop ideas. Practice developing planning materials. Applying production skills. Create and refine product | Creating a media product in response to a brief  Understand how to develop ideas. Practice developing planning materials. Applying production skills. Create and refine product  Respond to exam brief |  |
| **Music** | Consolidation  ‘Music for a while’, Killer Queen’, ‘Brandenburg Concerto’, ‘Defying Gravity’. Plan for set composition brief. | Fusions  Study set works:  Afro Celt Sound System and ‘Samba em Preludio’ - analysis, listening, practise questions, wider listening. Solo/ensemble preparation. | Fusions Wider Listening:  Exploration of Samba, Bhangra, Cool Jazz, Bossa Nova, Flamenco, African Celtic pop. Free choice composition. Preparation for Recitals. | Revision of all set works and wider listening. Final write up of composition. Produce recording of compositions. Record final performances. | Revision of set works, wider listening aural tests and dictation exercises. Plan, run and participate in sessions that promote participation and high performance. Identify strengths and weakness for future improvement. |  |
| **PD** | Marriage and The Family | Peace and Conflict | Citizenship | Personal Finance | |  |
| **PE** | Fitness, Football | Basketball, Badminton | Minor games, Table Tennis | Volleyball, Dance | Cricket/Rounders, Tennis |  |
| Plan, run and participate in sessions that promote participation andhigh performance. Identify strengths and weakness for future improvement | | | | | |
| **Physics** | The expanding universe  Planets satellites and orbits | Exam skills and revision | | | |  |
| **Sport** | The use of technology for sport and activity  Different types of technology in sport and activity. The benefits of technology on improving body systems for sport and activity. Limitations of technology to sport and activity.  Planning sessions for target groups Produce a session plan with a risk assessment and informed consent form. | Coursework Reports  Structuring and writing BTEC Sport assignment. Applying knowledge. Training to improve data in relation to sport and activity. Interpreting fitness data in relation to sport and activity  Delivering a session for target groups  Independently deliver the main component of own planned session to target group. | Methods of training for sport and activity. The FITT principles and principles of training. Understanding fitness programme.  Reviewing a session for target groups  Gather feedback from session. Review the main component of the planned activity session. | Nutrition for sport and activity  Macronutrients, micronutrients, hydration. Improving nutrition for sport and activity. | The psychological influence that motivation on participation in sport and activity  Impact of motivation, self-confidence and anxiety on participation in sport and activity. Exam preparation |  |
| **Tutorials** | Student Leadership. Report  Review. Futures Planning.  Pupil Voice. Reading Week. PD Log and Leadership Ladder. | Exam Well Being. Report Review. PD Log and Leadership Ladder. | Reading Week. Metacognition and Study Skills 4. PD Log and Leadership Ladder | Metacognition and Study Skills 5. Pupil Voice. Log and Leadership Ladder | Metacognition and Study Skills 6. Report Review. Reading Week. |  |