|  |  |  |
| --- | --- | --- |
| FORM 8D | Key areas to be studied | Resources/Key texts used |
| MATHS | **Common Entrance:**  **Regular Polygons:** formula for exterior angle and applications.  **Bearings:** 3 figure bearings, scale drawings and practical applications.  **Transformations:** reflections, rotations, translations and enlargements.  **Straight line graphs:** vertical, horizontal and general  y = mx + c graphs.  **Arithmetic:** four operations of calculation with fractions, decimals and whole numbers. Using calculators for the operations also.  **Algebra:** simplification, equations, forming expressions, brackets, factorisation, substitution.  **Number and Numeracy:** ratios, percentages and fractions.  **Level 3 Topics:** Pythagoras’ Theorem, simultaneous equations, trial and improvement.  **Scholars**: All the above in addition to past paper practice for their specific examination. | Revision notes  Past paper questions and exercises  Text Book “So you really want to learn Maths Prep – books 2 and 3” S. Alexander (ISEB)  BBC Bite size Key Stage 3  Mymaths |
| ENGLISH | Our studies before half-term will be based around some 19th Century short stories and novella - leading on to Stevenson's 'Dr Jekyll and Mr Hyde' and Dickens' 'A Christmas Carol' if we have time. This will involve some analytical and imaginative/empathetic writing as well as touching on some relevant poems suggested by our reading.  After half-term, we will start to prepare for the November exams and reflect in the format of scholarship papers being tested in January. |  |
| FRENCH | * Grammar-Present tense and irregular verbs Near future tense Passe-compose * Holidays-Countries with to article Transports Opinions Conditional and imperfect tenses Asking question * School-Subjects, describing teachers, giving opinions, school uniform Imperative + on doit/ il faut Reflexive verbs * Personal description-Reflexive verbs for relationships, family members, Describing yourself and others Subjunctive present for scholar * Environment- Revision on tenses Comparisons and superlatives. | * GCSE French AQA Revision (CGP) · * Scholarship Past papers * Scholarship listening * Dynamo 2 (listening/reading and speaking activities) * TV5 monde (Video/News) * Worksheets * Online resources * PowerPoints * iPad |
| SCIENCE | * Chemical reactions (chemistry) * Cells/organisation (biology) * Electric circuits (physics) * Respiration/gas exchange system (biology) * Magnetism/electromagnetism (physics) * Atoms, elements, compounds and mixtures (chemistry) * Revision of key topic area for examinations | * ISEB revision guide (13+) * Memory workout booklet * Revision notes * Past paper questions and practice exercises * Text Book “So you really want to learn Science – book 2” W.R. Pickering (ISEB) * · BBC Learning Zone / Science / Secondary (Clips) |
| GEOGRAPHY | Tectonic processes-   * The internal structure of the earth * How plate movements cause earthquakes and volcanoes * How people cope with natural hazards * Why people live in hazardous areas * The effects of earthquakes and volcanoes and how people respond * How can we predict natural hazards | * Various bespoke resources depending on senior school * Past papers * So you really want to learn Geography * Youtube videos, TigTag * Numerous websites |
| HISTORY | * Mary Queen of Scots, the Plots and Elizabeth * Elizabeth, Philip and the threat from Spain( recap) * James I- religion (Pilgrim Fathers and Gunpowder Plot), relationship with Parliament * The Causes of the Civil War * Exam prep * Scholarship papers | * ISEB revision notes * Past papers and practice exercises * History on the Net * The Making of the UK * In Search of History * ISEB CE History textbook |
| TPR | * Ethics: Sanctity of Life * Animal Testing * Ending Life (Abortion & Euthanasia) * Prejudice * Essay Writing | GCSE RE For You: “Christianity & Moral Issues” by A. Jordan |
| LATIN | * Passive Voice. * Deponent Verbs. * Subjunctive. * Participles. * Relative Pronouns. * Ablative Absolutes. * Purpose Clauses. * Indirect Commands. | * Bass, ‘Practice Exercises Level 3’. * Past papers. |
| GREEK | * Aorist Tenses. * Personal Pronouns. * Passive Voice. * Middle Voice. * Prose Composition. * Participles. | * Waite & Pragnell, ‘An Introduction to Classical Greek’. * Taylor, ‘Greek to GCSE’. * Past papers. |
| TECHNOLOGY/ART | |  | | --- | | FACES/CUBISM   * Drawing self-portraits using pencil, line, shading and observational drawing * 2. Continued * Collage face * Continued * Drawing Assessment * Drawing Assessment * Painting portraits using gouache – cubism – Looking at Picasso * Cubism clay portrait – design * Clay |   Themed wooden coat rack   * Art/DT collaboration project o Creating the ply backboard in the workshop * Screen printing onto the ply backboard o Printing the art work * Using the 3D printer to create hooks or source own |  |