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| 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 notesPast paper questions and exercisesText 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
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| 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)
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| 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
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| 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
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| 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.
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| 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.
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| TECHNOLOGY/ART |

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|  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
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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
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