A Guide to Topics to be covered by 8D- Summer 2022

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| FORM 8D | Key areas to be studied | Resources/Key texts used |
| MATHS | * Common Entrance: Number and numeracy: Calculating with decimals, fractions, ratios and percentages. Algebra: Simplifying, substitution, expanding brackets, factorising and solving equations. Space and shape: Transformations, line graphs, regular polygons, bearings and scale drawing. Data handling: Bar graphs, pie charts, conversion graphs, scatter graphs, travel graphs and MMMR. Level 3 Topics: Inequalities, Pythagoras’ Theorem, simultaneous equations, trial and improvement, prism volume. Scholars: All the above and in addition UKMT Junior Mathematics Challenge practice. | * 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 CGP Maths Workbook |
| ENGLISH | We will finish off our review of RLS' 'Kidnapped' with test and discussion. We are also writing our 500 words stories. Otherwise, the time until half-term will be devoted to a reading and discussion of 'Much Ado About Nothing' prior to watching the play at the Globe at the end of half-term. | * Kidnapped * Much Ado About Nothing |
| FRENCH | * Learning about how to create a newspaper (different roles etc) as they will publish a bi-weekly newspaper. * Revision of key words for writing such as connectives, adjectives (+agreement)… * Revision of tenses and irregular verbs with a focus on perfect ad imperfect use. * Conducting interviews * Writing of letters, articles… | * Dictionary (online and paper) Revision booklets Jotter Vocabulary book |
| SCIENCE | * Revision for Oundle/Winchester exams * Bright Ideas Challenge * Smells and perfumes * Structure of DNA | * ISEB revision guide (13+) * 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) |
| HISTORY and GEOGRAPHY | * History of Medicine in Britain   + Medicine in Medieval England   + The Medical Renaissance in England   + Medicine in the 18th / 19th Century   + Surgery and treatment on the Western Front   + Formation of the NHS * · History of Art (ES) | * BBC Bitesize * YouTube * Edexcel GCSE History of Medicine Text Book |
| RS | * Group work based on an RS/contemporary issue of their choice |  |
| LATIN | * Revision of Grammar topics. * Scholarship Past Papers. * Classics Projects | * Bass, ‘Practice Exercises Level 3’. * Past papers |
| GREEK | * Revision of Grammar topics. * Continuous Greek readings * Classics Projects | * Waite & Pragnell, ‘An Introduction to Classical Greek’. * Taylor, ‘Greek to GCSE’.   + Past papers. |
| ART | Outdoor learning- nature vs. man made   * Finish clay glazing from last Term. * Sketchbook, artist research page. * Cross curricular learning with Classics. Red figure black figure – clay work. * Cross curricular learning with Classics continued. * Drawing from observation test. |  |