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
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| 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
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| 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
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| 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)
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| 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
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| RS | * Group work based on an RS/contemporary issue of their choice
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| LATIN | * Revision of Grammar topics.
* Scholarship Past Papers.
* Classics Projects
 | * Bass, ‘Practice Exercises Level 3’.
* Past papers
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| GREEK | * Revision of Grammar topics.
* Continuous Greek readings
* Classics Projects
 | * Waite & Pragnell, ‘An Introduction to Classical Greek’.
* Taylor, ‘Greek to GCSE’.
	+ Past papers.
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| 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.
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