**7M Subject Information Autumn Term 2022**

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| Subject | Topic Areas Covered | Key texts/Resources Used |
| Maths | |  |  | | --- | --- | | **Number and numeracy:** The four operations for decimals and fractions; ratio, scale and proportion. |  |   **Algebra:** Substitution, expanding brackets, factorising and simplification.  **Space and shape:** Circles: calculating the area and circumference of circles and part circles.  **Investigations and puzzle work.** | Revision notes  Past paper questions and exercises  Text Book “So you really want to learn Maths – book 2” S. Alexander (ISEB)  BBC Bite size Key Stage 3  Mymaths |
| English | * Poetry analysis * Non-fiction comprehension * Poetry writing * Discursive writing * Creative writing * Analytical writing | * Set text - War Horse by Michael Morpurgo * War Poetry anthologies * Poetry anthologies |
| Science | * Maths skills for scientists * The particulate nature of matter (**chemistry**) * Nutrition and digestion (**biology**) * Energy (**physics**) * Reproduction in animals (**biology**) * Revision of key topic areas for examinations | * ISEB revision guide (13+) * Memory workout booklet * Revision notes * Past paper questions and exercises * Text Book “So you really want to learn Science – book 2” W.R. Pickering (ISEB) * BBC Learning Zone / Science / Secondary (Clips) |
| Art | MUSIC AND ART  How can you articulate sound using drawing and painting?  Lessons will involve;  Introduction to drawing to music/ Painting to music/ Who was Kandinsky? - Artist Research Page/ Clay – abstract shapes in 3D Forms/ Make a playlist- suggest two pieces of music that have no lyrics – make your own interpretation of this music/ Can we make these paintings into textiles or prints? Textile making workshop/ Textile project/Reflections. | * Art History * Music * Research material * Various art media and materials |
| History | * Who are the Tudors? * Henry VII- what kind of monarch was he? * The Church in early Tudor times * The Pretenders to the throne * Henry VIII and his wives * Thomas Wolsey * The Break from Rome | * ISEB revision notes * Past papers and practice exercises * History on the Net * The Making of the UK * In Search of History * ISEB History for CE   (Please note that the ISEB have published a new specification for History from Sept 2021 which we will be following. Although many of the topics will be the same the resources will be different. As yet, the new textbook and revision guides have not yet been published.) |
| Geography | * Weathering and Erosion * Features of river valley * The lower course of the river * Coastal processes of erosion and deposition * Coastal features * Protecting the coastline * Flooding case study | * ISEB Geography for Common entrance * Key Geography * Geog.GCSE book * So you really want to learn Geography |
| French | * Revision of basics (describing yourself and others, weather, present tense) * Going on a trip: saying where you are going, inviting someone, ordering food and drinks. Using the Near future tense and the modal verb vouloir. * Describing where you live. Talking about what you do to help at home (chores…) * Daily routine: reflexive verbs, telling the time, modal verbs (revision). * After half term and exams: describing past holidays using the past tense. * Regular exam practice and learning exam techniques | Dynamo 1 Module 5  Dynamo 2 Module 1  Activelearn website  Language gym  Past papers  Power points |
| Latin | * 1st and 2nd Declension Nouns * 1st – 4th Conjugation Verbs * Imperfect and Perfect Tenses | * Oulton, ‘Latin One, for Common Entrance.’ * Past papers. |
| CS & Design Tech | **Wooden Pencil Box**   * Woodwork project – pencil box, bookends etc * 3D Printing |  |
| RS | **Islam (Common Entrance Syllabus)**   * Islamic Beliefs * Prophets * Holy Books * Life after Death | Resources by IP  The Muslim Experience by Aylett & o’Donnell |