**Year 7 work and learning to be completed by the return to school in September**

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| **English**  We suggest you try to read at least two books from the KS3 suggested reading list in advance of September.  On class charts, you’ve been set weekly tasks over the summer term. You should aim to complete all of these. The extracts from texts that have been made available to you on Class Charts will all help to prepare you for the work you will be doing in Year 8, so it’s important that you read them. |
| **Maths**  Below is a list of the KS3 topics covered within school time or during school closure up to the end of year 7.   |  |  |  | | --- | --- | --- | | Number:  Place Value, Ordering, Rounding, Estimating, Powers of 10, Negatives, Four operations, BIDMAS, Using a calculator | Geometry:  Properties of 2D and 3D shapes, Units, Perimeter and Area, Volume | Algebra:  Substitution, Deriving formulae, Collecting like terms, Brackets, Index numbers, Solving Equations, Trial and improvement |   To revise any areas within these topics, we recommend a range of useful resources – such as:   * Corbettmaths.com * MathsWatch (log in: Firstname.Secondname@hallgreen, Password: ratios) * MyMaths lesson (school log in: hallgreen, Password: ratios)   Pupils can also find specific details on lessons within these topics and the corresponding MathsWatch clips on the front of their pink APP assessments in their maths books. |
| **Science**  Students should have completed booklets for the following topics: Food & Digestion, Pure & Impure Chemicals, Energy Resources, Photosynthesis, Simple Chemical Reactions and Magnets & Electromagnets. Students should then have completed revision mats or other revision work and the end of year assessment (either on paper or online using a link from classcharts). In the last few weeks of term, students should be completing a project on dinosaurs. [Link to booklets](http://www.hallgreen.bham.sch.uk/year-7-science-booklets/). |
| **Geography**  Global biomes – Learn the differences in climate, wildlife, vegetation and the extent of human activity in each of the Earth’s biomes including hot deserts, tundra’s, tropical rainforests and temperate grasslands. Use the links on Class Charts to help you understand and make revision notes on this topic.  For further help, see [Geography home learning resources.](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Geog-home-learning-resources.docx) |
| **History**  Pupils should be up to date with the learning on Castles and Life in Medieval England. The topics have focused on the purpose, rise, and decline of castles and how different groups in society were treated during this time. Both topics have also included key skills such as source analysis, gathering evidence and how to use it to write good explanations. All lessons are in Class Charts. |
| **French**  Pupils to ensure that all work placed on Classcharts is thoroughly completed. Please click on the linked documents to see which topics must be covered and before we come back to school. All worksheets are still placed on Classcharts. Please contact your language teacher if you need help. Mrs Souakri |
| **Spanish**  When we return in September you need to have learned and consolidate your vocabulary on greetings, introducing myself, numbers, family and pets, colours, days and months of the year. You need to have learned to use ‘ser, estar and tener’ to describe people. As well as be familiar with Spanish sounds and phonics (See attached link). [Link to booklets here.](http://www.hallgreen.bham.sch.uk/year-7-spanish-booklets/) |

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| **RE**  There are two units from the scheme of work that need to be completed by September. The different topics have been set on class charts for all pupils to do. Could you ensure that the topics for the following two units are completed - ‘What does Jesus Incarnation mean to Christians?’ and ‘Why are scared writing important to religious believers?’ |
| **Art**  The 3 key pieces of work which must be completed to be handed in when we return in September are   1. [Totem Poles](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Totem-Poles-year-7-week-2.pdf) 2. [Matryoshka Dolls](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Matryoshka-Dolls.pptx-yr-7.pdf) 3. [Prehistoric art](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/PREHISTORIC-ART-yr-7.pdf) |
| **DT**  Pupils should aim to complete 5 tasks from the summer booklet and a minimum of one learning review. Staff welcome all photographs of any modelling and design tasks, other numeracy and theory work can simply be uploaded onto class charts. Other useful links include <http://www.technologystudent.com> where pupils can go over topics covered this term.  **Food & Nutrition**  Pupils should aim to complete their booklet which covers a variety of tasks and encourages practical application of some dishes. They should also submit a minimum of one learning review.  Other useful links include <https://www.bbc.co.uk/bitesize/topics/zrdtsbk/resources/1> with very interesting videos on food production and health and safety. |
| **ICT**  Pupils to use BBC Bitesize - Computer Science section, to go over and revise the following two topics,  Computational Thinking and Hardware & Software. Pupils can also look at the ICT section. |
| **Music**  Complete ‘Summer Quizzes’ 1,2 & 3 (in ClassCharts) |
| **PE**  Dear Year 7, Soon to be Year 8  While you have been away from school, we hope that you have been accessing the workout of the week that have been on Class Charts. It is important that you and your family are exercising at least 3 times a week in order that you maintain a healthy lifestyle. Some of these workouts can be done by the whole family. Why not make it a family challenge over the summer holidays?  Please also complete the research tasks on [cricket](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Yr7-Cricket.docx), [tennis](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Yr7-Tennis.docx) and [rounders](http://www.hallgreen.bham.sch.uk/wp-content/uploads/2020/07/Yr7-Rounders.docx), which will allow you to have a bit of an advantage when it comes to returning to school and having your normal PE lessons. |