

## Year 9

Please use the information in the table below to assist you in completing work should there be a period of school closure. Completing this work will ensure that you consolidate and deepen your understanding of work that you have already studied, and/or help prepare you for content that you will study when you return to school. Thank you

Subject	Work to be completed	Resources needed / where to find them
<u>Science</u>	<p><b>Biology:</b> Complete the revision guide end of topic questions for section 1 and 2. Create a mind map on key concepts in Biology including cells, enzymes and membrane transport.</p> <p><b>Chemistry:</b> Complete the revision guide questions for section 10 of the revision guide. Create a mind map on key concepts in chemistry including, bonding, the atom and periodic table</p> <p><b>Physics:</b> Read up on energy and forces and motion in the revision guide (section 17). Write some notes on this ready to show your teacher.</p>	Revision guide Use GCSE BITESIZE EDEXCEL COMBINED SCIENCE. Youtube
<u>English</u>	<p>1. <b>Create a portfolio (collection) of examples of social injustice in the modern world.</b> This could include news articles, screen shots of social media, posters, photographs. You can then present these in a folder or collage, ready to present when you return.</p> <p>2. <b>Write a response to the question: <i>Do you think we will ever create a society where injustice does not exist?</i></b> Your response should convey a clear opinion with a range of ideas to support your viewpoint. You may wish to refer to some of the examples/texts that you have covered this year. This should be written in Standard English and have a high level of written accuracy.</p> <p>3. <b>Create a piece of work which showcases the social injustice within the Shakespeare play you are studying (Othello or The Tempest).</b> This could be a piece of art, a poem, a newspaper article, a series of photographs. You can decide how you present this work: you should be prepared to present this work when you return.</p>	
<u>Maths</u>	<p>Higher and Foundations work packs have been uploaded to FROG.</p> <ul style="list-style-type: none"> <li>- Sets 1-3 to complete the Higher Work Pack</li> <li>- Sets 4-6 to complete the Foundation Work Pack</li> </ul> <p>Create your own revision notes on the topics covered so far in year 9, Including:</p> <ul style="list-style-type: none"> <li>- <b>Number:</b> decimals, rounding, BIDMAS, Prime Factors &amp; HCF/LCM, Index notation</li> <li>- <b>Algebra:</b> rules of indices, algebraic notation, substitution, expanding and factorising brackets, rearranging formulae</li> <li>- <b>Graphs and charts:</b> 2 Way Tables, Frequency Trees, Bar Charts, Stem and Leaf, Time Series, Construct Pie Charts, Scatter Graphs, Line of Best Fit,</li> <li>- <b>Fractions, decimals, percentages:</b> Simplify and Equivalent Fractions, Express number as a fraction of another, Fractions &amp; Mix Numbers – 4 operations,</li> <li>- <b>Solving equations and inequalities:</b> Solve linear equations, Setting up equations, Using a formula, Solve Linear Simultaneous equations, Draw/read inequalities on number lines</li> </ul>	FROG for Work Packs. Revision Guides, Online: - MathsWatch, Mr Barton Maths, Hegarty Maths
<u>History</u>	Complete a profile of the life of Adolf Hitler	<a href="http://www.bbc.co.uk/history/people/adolf_hitler">www.bbc.co.uk/history/people/adolf_hitler</a>
<u>Geogrpahy</u>	Research how the Middle East uses oil – where is it located? Where is it traded? How important is it in the economy? What will the Middle East do if they cannot trade oil?	

<b><u>Spanish</u></b>	All MFL classes are to use Memrise, Quizlet or Seneca to revise courses set previously and to do course that will be added for work that we will do when we return, should we close. Year 9 & 10 can use This Is Language & Language Gym too.	Memrise, Quizlet, Seneca, This Is Lang, Language Gym
<b><u>RE</u></b>	Spirituality - research alternative religion/spirituality, Buddhism. paganism and Humanism.	
<b><u>ICT</u></b>	- Pupils can continue to work through the 'Little book of algorithms' - Copy out the example programs and complete the challenges towards the end of the book.	All work available on FROG. PPTs, worksheets, PDFs
<b><u>Art</u></b>	Pop art Portrait Project Research pop art portraits, then create one: <b><u>Instructions</u></b> 1. Draw a vertical line 2. Draw an oval shape 3. Draw a horizontal line half way down the head 4. Draw a guideline for nose halfway between chin and eyes 5. The guideline for the mouth goes between the nose and the chin	All the work is available on FROG. PowerPoint's,
<b><u>PE</u></b>	All pupils should choose 2 of their favourite sports and research the following: 1. <b>Describe 4 rules for your 2 sports</b> – you can use diagrams to help explain the rule e.g. offside in football or contact in netball 2. <b>Describe the regulations for your 2 chosen sports</b> – these should include <ul style="list-style-type: none"> <li>• Numbers of players in a team including substitutions</li> <li>• Length of the game, half time, injury time, extra time</li> <li>• Size of the pitch, describe the lines on the pitch</li> <li>• Equipment needed for the game</li> </ul> Choose your favourite sport and write a paragraph of your strength and areas to improve in this sport. Think how do your strengths help you in this sport? How will your improvements make you a better player	
<b><u>Music</u></b>	<b><u>1. Performance skills and techniques</u></b> - Research the write about the following: <b>Pitch</b> – key/scale notes of melodies/riffs, range, articulation, tone, volume, expression and projection; <b>Harmony</b> - chords, chord types and chord sequences in a key; <b>Duration</b> – beats, rhythms and patterns, time, tempo, volume control, expression; <b>Posture</b> – awareness of both LH & RH finger/hand positions.  <b><u>2. The Elements of Music</u></b> - Research write a definition for each of the bullet points, find a several music symbols for each one. <b>Melodies and harmonies</b> - chords and sequences; <b>Duration</b> - beats, rhythms and patterns; <b>Form and Structure</b> – intro, verse chorus, 12 bar blues etc; <b>Dynamics</b> – use of different/correct volumes; <b>Textures</b> - combination of instruments; <b>Pace/tempo</b> : maintaining momentum; <b>contrasts</b> ; balancing repetition and change  <b><u>3. Listening and Appraising</u></b> - Listen for 4 styles of music. For each piece of music, write the name and artist and how you could describe the mood & elements used.  <b><u>4. Promotion</u></b> - Create a music poster for a up and coming musical, gig, music concert of festival. Remember to add key information: dates, times, place, venue, name of artist(s), entrance fee.	
<b><u>Technology</u></b>	- Complete the <b>UNIT 2: CHECKLIST (Pre Exam) Year 9 Pop Art and Op Art</b> you have worked on so far. - Complete the <b>Evaluation</b> for your piece Your evaluation is a collection of thoughts, reflections and judgements made during both the designing and making stage of your product. Consider how these choices & changes to your work have improved the final outcome. What have you learnt from the experience, how will this make you a better designer in the future?	Unit 2 – Pre exam checklist  Evaluation form – available on FROG

<p><b><u>Enterprise</u></b></p>	<p>Create a PowerPoint or write about the marketing strategy for THREE multinational companies. Include the 4 Ps: price, product, Place, Promotion.</p> <p>Using this knowledge apply it to your business, the one you have written about in your business plan. Students also need to create a PowerPoint or write about the marketing strategy of their business.</p> <p>If students have access to a computer and know that their business plan is incomplete, it would be a good idea to finish that off as well!!</p>	

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