



Tudor Grange Academy Kingshurst

## Year 8

# Subject Task Challenge Grids

The expectation is that you attempt 50 points worth of tasks per week for Maths, English and Science and 30 points per week for all your other subjects.

Please keep a digital and or paper copy of all of your work ready for submission.

Additional resources and copies of the Task Challenge Grids can also be found on TEAMS. All other work on TEAMS is now supplementary work and your focus should be on completing the Subject Task Challenge Grids.

Please email us at [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) with any positive news, updates or pictures of the work that you have completed so that we can share and showcase your efforts on social media.

We also recommend that you continue reading independently. Please email us photos of you (that you are happy to be shared on social media) reading in interesting places within your home!



# English LEARNING CHALLENGE GRID: Y8 *The Curious Incident of the Dog in the Night-time* (to be completed alongside the work booklet on TEAMS)

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save you work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p>Read chapters 2-11 of <i>The Curious Incident of the Dog in the Night-time</i> (PDF version in Files/English)</p> <p><b>10 POINTS</b></p>	<p>Answer the questions on page 1 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>20 POINTS</b></p>	<p>Complete the creative writing task on pages 2-3 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>20 POINTS</b></p>	<p>Complete the PETAL paragraph task on pages 3-4 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>20 POINTS</b></p>	<p>Complete the Newspaper article writing task on pages 4-5 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>20 POINTS</b></p>	<p>Read chapters 13-73 of <i>The Curious Incident of the Dog in the Night-time</i></p> <p><b>10 POINTS</b></p>	<p>Complete the 'writing lists' task on pages 7-8 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>20 POINTS</b></p>	<p>Read chapters 149-157 of <i>The Curious Incident of the Dog in the Night-time</i>.</p> <p><b>20 POINTS</b></p>
<p>Complete the PETAL paragraph task on pages 9-10 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>10 POINTS</b></p>	<p>Complete the story board task on pages 10-11 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the true and false task on page 12 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the adjectives task on page 13 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the letter to mother writing task on pages 13-14 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Read chapters 167-191 of <i>The Curious Incident of the Dog in the Night-time</i>.</p> <p><b>10 POINTS</b></p>	<p>Answer the questions on page 14 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the charity appeal writing task on page 15 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>
<p>Complete the true and false task on page 16 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>10 POINTS</b></p>	<p>Look at the images and answer the questions on page 16 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the letter to an MP task on pages 17-18 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Read chapters 227-233 of <i>The Curious Incident of the Dog in the Night-time</i>.</p> <p><b>20 POINTS</b></p>	<p>Answer the questions on page 18 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet</p> <p><b>20 POINTS</b></p>	<p>Complete the book review task on page 19 of <i>The Curious Incident of the Dog in the Night-time</i> work booklet.</p> <p><b>10 POINTS</b></p>	<p>Design your own book cover for <i>The Curious Incident of the Dog in the Night-Time</i>.</p> <p><b>20 POINTS</b></p>	<p>Write to your local GP surgery or hospital to thank them for all of the work they do. Find the address and post it.</p> <p><b>20 POINTS</b></p>
<p>Create a leaflet informing someone how to keep busy and entertained during their time in isolation.</p> <p><b>10 POINTS</b></p>	<p>Write the script for a podcast about a topic/issue of your choice.</p> <p><b>20 POINTS</b></p>	<p>Think about what the country (or world!) might look like in the future. Write the opening to a story, based on what you've imagined</p> <p><b>20 POINTS</b></p>	<p>Read a non-fiction article about a topic of your choice online. Summarise what you have read in five sentences.</p> <p><b>20 POINTS</b></p>	<p>Start a diary about your experiences and update it every day for at least a week.</p> <p><b>20 POINTS</b></p>	<p>Read a text (an online article or book, for example) and identify five words that you are unfamiliar with. Find the definition of these and learn them.</p> <p><b>10 POINTS</b></p>	<p>Read to someone in your home or via webcam. It could be a sibling, friend or relative.</p> <p><b>20 POINTS</b></p>	<p>Write an extended comparison between <i>Romeo and Juliet</i> and <i>Noughts and Crosses</i>. Evaluate the similarities and differences and explain which you prefer and why.</p> <p><b>20 POINTS</b></p>

LEARNING CHALLENGE GRID: Y8



# English LEARNING CHALLENGE GRID General

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

List as many English terms as you can. For example, noun, simile and simple sentence. <b>10 POINTS</b>	Create a grid with four columns using the headings: nouns, adjectives, verbs and adverbs. Write ten words under each heading. <b>20 POINTS</b>	Read a non-fiction article about a topic of your choice online. Summarise what you have read in five sentences. <b>20 POINTS</b>	Use the internet to find ten poems about different topics. Read at least one poem a day. <b>20 POINTS</b>	Make a list of spellings you frequently spell incorrectly. Devise a game or set of flashcards to regularly test yourself on these. <b>10 POINTS</b>	Look at an image of a beach. Create five descriptive sentences based on it. <b>10 POINTS</b>	Revise a skill on the BBC Teach Skillswise website: <a href="https://www.bbc.co.uk/teach/skillswise/english/zig4scw">https://www.bbc.co.uk/teach/skillswise/english/zig4scw</a> <b>10 POINTS</b>	Start a diary about your experiences and update it every day for at least a week. <b>30 POINTS</b>	Read the link below and make notes. Take the quiz at the end of the page. <a href="https://www.bbc.co.uk/bitesize/topics/zn8tkmn/articles/z697382">https://www.bbc.co.uk/bitesize/topics/zn8tkmn/articles/z697382</a> <b>20 POINTS</b>	Draw a gingerbread person. Choose a character and write what they appear to think of themselves inside the body and what others think on the outside. <b>10 POINTS</b>
Create a game to help you revise English subject terms you have been taught. Use it to help teach someone else at home by playing together. <b>20 POINTS</b>	Find five techniques in a text you have read (fiction or non-fiction). Consider the effect of each one. <b>10 POINTS</b>	Arrange with a friend/family member to find non-fiction articles or fiction extracts to read. Take it in turns to find them and then read together and discuss. <b>20 POINTS</b>	Bullet point the effect that three language devices had on you in something you have read or heard this week. <b>10 POINTS</b>	Use a piece of artwork as inspiration for a piece of creative writing. <b>20 POINTS</b>	Watch Martin Luther King's / <i>have a dream</i> speech on YouTube. Identify three techniques and then rank them in order of effectiveness. <b>20 POINTS</b>	Find two words for every letter of the alphabet – challenge yourself and look for less obvious ones for the easier letters! <b>10 POINTS</b>	Read a text (an online article or book, for example) and identify five words that you are unfamiliar with. Find the definition of these and learn them. <b>20 POINTS</b>	Choose a book that has a film version. Read the text, watch the film and compare the two. <b>30 POINTS</b>	Watch this video on the history of the English language and identify ten key points: <a href="https://www.youtube.com/watch?v=YEa5xhcn57Y">https://www.youtube.com/watch?v=YEa5xhcn57Y</a> <b>20 POINTS</b>
Write five rhetorical questions based on the topic of social media. <b>10 POINTS</b>	With a friend, each choose a text (fiction or non-fiction) and cut it into separate paragraphs, using Word. Swap and put them back in order. <b>10 POINTS</b>	Read the link below and make notes. Take the quiz at the end of the page. <a href="https://www.bbc.co.uk/bitesize/topics/zn8tkmn/articles/zhstrj6">https://www.bbc.co.uk/bitesize/topics/zn8tkmn/articles/zhstrj6</a> <b>10 POINTS</b>	Ask a friend or family member to recommend a book to you. Recommend one to them in return and then read each other's suggestions. <b>20 POINTS</b>	Create a quiz based on English techniques or topics you have studied in English this year. Swap with a friend and take each other's quizzes. <b>20 POINTS</b>	Read the link below and make notes. Take the quiz at the end of the page. <a href="https://www.bbc.co.uk/bitesize/topics/zv7fqp3/articles/zkq8hbk">https://www.bbc.co.uk/bitesize/topics/zv7fqp3/articles/zkq8hbk</a> <b>20 POINTS</b>	Write to your local GP surgery or hospital to thank them for all of the work they do. Find the address and post it. <b>20 POINTS</b>	'Films are always better than their books.' To what extent do you agree? Bullet point reasons someone might agree and reasons they might disagree. <b>10 POINTS</b>	Play a word game with a family member or friend. For example, Scrabble or Bananagrams. There are online word games you could play too. <b>10 POINTS</b>	Make a list of adjectives which describe three characters from a text you have studied/read at home. Find synonyms for these, using a thesaurus. <b>10 POINT</b>
Read the link below about using subordinating conjunctions. Take the quiz at the end of the page. <a href="https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zfphsrd">https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zfphsrd</a> <b>10 POINTS</b>	Create three different openings to a speech to senior leaders at your school about the need for school uniform. Which is most effective? <b>10 POINTS</b>	List five different ways a story could begin. Which would you find most interesting? <b>10 POINTS</b>	Write a speech arguing your thoughts on the statement: 'Animal testing should be banned.' When you plan what you'll write, think about both sides. <b>10 POINTS</b>	Choose a paragraph from a text. Re-write it using more complex punctuation, including a semi-colon. Revise punctuation first, if you need to. <b>10 POINTS</b>	'Violent video games should be banned.' To what extent do you agree? Bullet point reasons someone might agree and reasons they might disagree. <b>10 POINTS</b>	Choose a sentence from an article or book. How many words can you make from the letters in the sentence? <b>10 POINTS</b>	Read about spoken English at the link below. Make notes on how your family use spoken language. <a href="https://www.bbc.co.uk/bitesize/guides/z2m3gk7/revision/1">https://www.bbc.co.uk/bitesize/guides/z2m3gk7/revision/1</a> <b>30 POINTS</b>	Watch the opening to a film. What happens at the start to get the audience engaged in the story and characters? <b>10 POINTS</b>	Create a leaflet informing someone about an activity you enjoy or a topic which you are passionate about. <b>20 POINTS</b>
Read a poem of your choice. Identify three techniques that have been used and consider reasons why the poet used each one. <b>10 POINTS</b>	Write the script for a podcast about a topic/issue of your choice. For example, fashion, the environment or sport. <b>20 POINTS</b>	Swap a writing task with a friend and read each other's work. Give each other feedback – two strengths and a target, for example. <b>20 POINTS</b>	List three connotations for each of the following colours: red, black and white. <b>10 POINTS</b>	Explore the English timeline on the British Library website: <a href="https://www.bl.uk/englishtimeline">https://www.bl.uk/englishtimeline</a> . Produce a guide aimed at a Year 6 pupil. <b>30 POINTS</b>	Take a traditional story character and write the 'other side' of it. For example: <i>the real story of the wolf in The Three Little Pigs</i> . <b>20 POINTS</b>	Read the link below about understanding unfamiliar vocabulary. Take the quiz at the end. <a href="https://www.bbc.co.uk/bitesize/topics/zfdh8xs/articles/zksrxy">https://www.bbc.co.uk/bitesize/topics/zfdh8xs/articles/zksrxy</a> <b>20 POINTS</b>	Choose a character from a TV programme or film and create a monologue from their perspective based on an event in the film, or one you make up. <b>20 POINTS</b>	Make a list of different topics you need to revise for each subject. Create a vocabulary notebook by listing words for each topic, with their definitions. <b>20 POINTS</b>	Read the link below and then find two articles about the same topic to compare. <a href="https://www.bbc.co.uk/bitesize/topics/zfwpd6f/articles/z7gdscw">https://www.bbc.co.uk/bitesize/topics/zfwpd6f/articles/z7gdscw</a> <b>20 POINTS</b>
Write five sentences using the word 'walked', with a different adverb in each. How does the meaning change each time? <b>10 POINTS</b>	Choose a quiz to complete on the Education Quizzes website: <a href="https://www.educationquizzes.com/gcse/english/">https://www.educationquizzes.com/gcse/english/</a> <b>10 POINTS</b>	Write a blog post about a piece of positive news or which sends a positive message to help the reader feel inspired and motivated. <b>20 POINTS</b>	Avoid starting letters with 'I am writing to...'. Create three different openings for a letter to a teacher about your time at home. <b>10 POINTS</b>	Watch an episode of a TV show. Write five reasons why you think it was structured in the way it is. <b>10 POINTS</b>	Redraft a piece of creative writing you have written either at school or at home. Find five ways to improve it. Or, swap work with a friend. <b>10 POINTS</b>	Look at the lyrics to a song of your choice. How many techniques can you find? <b>20 POINTS</b>	Read the link below and then answer the question at the end, before looking at the answer given. <a href="https://www.bbc.co.uk/bitesize/guides/z8ktpv4/revision/1">https://www.bbc.co.uk/bitesize/guides/z8ktpv4/revision/1</a> <b>20 POINTS</b>	Summarise your favourite film in 200 words. <b>10 POINTS</b>	Write an article for your school magazine advising students how to stay positive during this time away from school. <b>20 POINTS</b>
List five different devices which could be used to start a persuasive speech. <b>10 POINTS</b>	Look at a piece of creative writing which you have written. What devices did you use? What effect do they have on the reader? <b>20 POINTS</b>	Practise performing a monologue from a play/one you have written. Try pausing in different places and emphasising different words. <b>30 POINTS</b>	Choose a character from a TV programme or film and list ten of their characteristics that have an effect on you as a viewer. <b>10 POINTS</b>	Read the link below and make notes. Take the quiz at the end of the page. <a href="https://www.bbc.co.uk/bitesize/topics/zv7fqp3/articles/z6n6gwx">https://www.bbc.co.uk/bitesize/topics/zv7fqp3/articles/z6n6gwx</a> <b>20 POINTS</b>	Consider an alternative ending to a film you have read. Write it, either in prose or script form. <b>20 POINTS</b>	Write five rhetorical questions based on the topic of caring for the environment. <b>10 POINTS</b>	Take a minor character from any text you have read or a film you have watched. Write about the events in the text from their point of view. <b>20 POINTS</b>	Start a short story. After a few paragraphs, send it to a friend to continue. Take it in turns to develop the story until you reach a clear end. <b>20 POINTS</b>	Write your own poem, inspired by the current situation. <b>20 POINTS</b>
Create an ending to a novel or a script which leaves the reader in suspense about something. <b>20 POINTS</b>	Listen to this speech: <a href="https://www.youtube.com/watch?v=MkTw3_PmKtc">https://www.youtube.com/watch?v=MkTw3_PmKtc</a> Identify five devices. Which do you think had the most impact on you? <b>20</b>	Use an opening line generator online (such as <a href="https://writingexercises.co.uk/firstlinegenerator.php">https://writingexercises.co.uk/firstlinegenerator.php</a> ) and continue writing the story you imagine based on it. <b>10</b>	Look at an image of a busy street. Create five descriptive sentences based on it. <b>10 POINTS</b>	List as many different forms of texts as you can. For example, magazine article. <b>10 POINTS</b>	Read about careers and skills you develop in English. Bullet point the key points you find. <a href="https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/english">https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/english</a> <b>10</b>	Choose a piece of writing you have created and turn it into another form. For example, a persuasive speech into a newspaper article. <b>20 POINTS</b>	Write a speech to be presented in parliament arguing your views about whether the voting age should be lowered to 16 years old. <b>20 POINTS</b>	With a friend, choose a story that you both know. Write alternative endings and share them with each other via email. <b>20 POINTS</b>	'Technology is the most important thing in society.' Bullet point reasons someone might agree and reasons they might disagree. <b>10 POINTS</b>
Create five writing tasks that would require you to write a piece of fiction. Pop them in a jar and select one every few days to plan or write in full. <b>10 POINTS</b>	Write a short guide to help Year 6 pupils understand the difference between simile and metaphor. Create examples to show them too. <b>20 POINTS</b>	Read to someone in your home or via webcam. It could be a sibling, friend or relative. <b>10 POINTS</b>	Choose ten verbs based on actions you have done today. List three adverbs which could be used to describe each one. <b>10 POINTS</b>	Read the link below about understanding rhythm in poetry. Take the quiz. <a href="https://www.bbc.co.uk/bitesize/topics/zmbj382/articles/zmpxbd">https://www.bbc.co.uk/bitesize/topics/zmbj382/articles/zmpxbd</a> <b>20 POINTS</b>	On paper, make a Facebook profile for a character in a book you have read. Include status updates, based on key moments in the book. <b>20 POINTS</b>	List five different devices which could be used in a piece of writing which aims to persuade. <b>10 POINTS</b>	Write a blog post persuading students to do Joe Wicks' PE lessons every day at 9am: <a href="https://www.youtube.com/watch?v=K6r99N3kXME">https://www.youtube.com/watch?v=K6r99N3kXME</a> <b>20 POINTS</b>	Think about what the country (or world!) might look like in the future. Write the opening to a story, based on what you've imagined. <b>30 POINTS</b>	With a friend, choose a paragraph from an article or novel and type it out without any punctuation. Swap and then insert punctuation. <b>10 POINTS</b>
Choose a children's story that you remember from your childhood. Create a new ending that you feel would be more engaging for your age group. <b>10</b>	Take an extract from a text and re-write it in a different tense. Consider how changing the tense makes the reader feel different. <b>10 POINTS</b>	Take the Pearson ultimate English homophone quiz: <a href="https://www.english.com/blog/english-homophone-quiz/">https://www.english.com/blog/english-homophone-quiz/</a> <b>10 POINTS</b>	Watch Newsround. Write a summary of a news story in 50 words. <b>20 POINTS</b>	Write the characters from a text on various parts of a piece of paper. Draw lines between them and write the link/connection between them on the line. <b>10 POINTS</b>	Complete the Metro's quiz based on 20 misspelled words: <a href="https://metro.co.uk/2016/06/30/quiz-can-you-spell-the-20-most-misspelled-words-in-the-english-language-5976500/">https://metro.co.uk/2016/06/30/quiz-can-you-spell-the-20-most-misspelled-words-in-the-english-language-5976500/</a> <b>10 POINTS</b>	Write a blog post with the title: 'Should everyone be vegetarian?' <b>10 POINTS</b>	List five different ways a story could end. Which do you think would be most interesting? <b>10 POINTS</b>	Write an email to a family member or friend to share what you've been doing this week. <b>10 POINTS</b>	Create ten writing tasks that would require you to write a piece of non-fiction. Pop them in a jar and select one every few days to plan or write in full. <b>10 POINTS</b>



# Maths Learning Grid Challenge:

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

 Complete Year 7 – Introduction to 2D shapes <i>If you cannot access this complete the worksheets in the Introduction to 2D Shapes worksheet pack on Teams</i> <b>10 POINTS</b>	Write a maths dictionary with 20 words related to topics covered this half term. Send a picture into <a href="mailto:khstars@kingshurst.tgacademy.org.uk">khstars@kingshurst.tgacademy.org.uk</a> <b>20 POINTS</b>	Write an explanation of what Volume is <b>10 POINTS</b>	 Complete Year 8 Angles Recap <b>20 POINTS</b>	Design a revision resource for the angles topic. This should include information on types of angles, angles at a point/straight line, angles in parallel lines, drawing angles, measuring angles, angles in a triangle, angles in a quadrilateral <b>20 POINTS</b>	Identify 6 different 3D shapes in your house. Write their names and the number of faces, vertices and edges they have <b>10 POINTS</b>	Investigate and write a revision card on how to calculate interior and exterior angles in polygons. This should also include an example <b>10 POINTS</b>	 Complete Year 8 – Volume <i>If you cannot access this complete the worksheets the Volume worksheet pack on Teams</i> <b>20 POINTS</b>
Create a tessellating pattern <b>10 POINTS</b>	 Complete Year 8 – Surface Area <i>If you cannot access this complete the worksheets in the Surface Area worksheet pack on Teams</i> <b>20 POINTS</b>	Find 2 household objects that are cylinders and work out their surface area. $SA_{\text{Cylinder}} = \pi r^2 h$ <b>20 POINTS</b>	Draw the nets of a cuboid and a triangular prism. Write positive messages on each side and form the 3D shape. <b>10 POINTS</b>	Pick a profession or career and try and list as many ways maths might be used in that job. <b>20 POINTS</b>	 Complete Year 8 – Plans and Elevations <i>If you cannot access this complete the worksheets in the Plans and Elevations worksheet pack on Teams</i> <b>20 POINTS</b>	 Draw a plan of your house (this should include a plan of each floor) <b>20 POINTS</b>	Write a guide for parents about a topic in maths so that they can help with homework. <b>10 POINTS</b>
Make a word search using key words for shape and angles <b>10 POINTS</b>	You are going to paint your room. Tins of paint cost £18.50 and cover 13.5m <sup>2</sup> . How much will it cost to paint your room? <b>20 POINTS</b>	 Complete Year 8 Sequences and Equations Recap <b>20 POINTS</b>	Write down the name of 3 special types of sequences and write the first 5 values of them e.g. odd numbers: 1,3,5,7,9 <b>10 POINTS</b>	Create a guide on sequences for a year 7 student. This should include information about types of sequences, how to find sequences given a rule and how to calculate the nth term <b>20 POINTS</b>	Calculate the area of one sheet of toilet roll. Calculate how many sheets of toilet roll it would take to wallpaper a room in your house. <b>10 POINTS</b>	 Complete Year 8 Ratio and Proportion Recap <b>20 POINTS</b>	200g flour, 30g sugar, 50g butter, 140ml milk, 1 egg Above if the recipe to make 8 scones. How much of each ingredient would you need to make enough scones so that everyone in your house can have 2 <b>20 POINTS</b>
Write instructions on how to measure angles using a protractor. (you may wish to include diagrams) <b>10 POINTS</b>	Investigate the golden ratio and its history <b>20 POINTS</b>	Write an article for a newspaper, explaining why you need maths in real life. <b>10 POINTS</b>	Keep a list of all the times you use maths over a 2 week period in real life. <b>20 POINTS</b>	 Complete Year 8 – Congruency and Similarity <i>If you cannot access this complete the worksheets in the congruency and Similarity worksheet pack on Teams</i> <b>20 POINTS</b>	Write down the difference between congruency and similarity <b>10 POINTS</b>	Write a 10 question test for the people in your household based on what you have learnt. Give them a time limit to complete it. Mark and give feedback <b>20 POINTS</b>	Investigate a historical figure in mathematics and write a report on what you have learned. <b>20 POINTS</b>



# Maths Learning Grid Challenge: General

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save you work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

Draw a scale drawing of your bedroom. <b>10 POINTS</b>	Design a board game using maths questions as part of the game. <b>10 POINTS</b>	Find the time difference in 5 parts of the world. <b>10 POINTS</b>	Write an end of topic test for someone in your class on your most recent topic. <b>10 POINTS</b>	Using the article below, calculate the most expensive club to support. <a href="https://www.bbc.co.uk/news/uk-23723537">https://www.bbc.co.uk/news/uk-23723537</a> <b>10 POINTS</b>	Prove 1+1=2 in the most complicated way you can. <b>10 POINTS</b>	Demonstrate Pythagoras Theorem using physical objects. <b>10 POINTS</b>	Identify 6 different shapes in your house. <b>10 POINTS</b>	Write a maths dictionary with 20 words. <b>10 POINTS</b>	Explain how to convert between centigrade and Fahrenheit. <b>10 POINTS</b>
Calculate the ingredients needed to make 12 cupcakes. <b>10 POINTS</b>	Design a menu for your family for a week. <b>10 POINTS</b>	How long would it take for you to walk to the moon? <b>10 POINTS</b>	How many different combinations can you make from a standard number plate? <b>10 POINTS</b>	Write three "always, sometimes, never" sentences for maths. <b>10 POINTS</b>	How many grains of rice would you need to fill your house? <b>10 POINTS</b>	Draw around your hand and measure the span. Use this to estimate the length of rooms in your house. <b>10 POINTS</b>	Design a revision poster on 3 topics you have studied so far. <b>10 POINTS</b>	If paint costs £15 a tin and covers 12m <sup>2</sup> , estimate how much it will cost to decorate one room in your house. <b>10 POINTS</b>	Find the average temperature each month for your hometown. Plot the information on a graph. <b>10 POINTS</b>
Use origami to make a pentagon from a square. <b>10 POINTS</b>	How many footballs would you need to go around the equator of the earth? <b>10 POINTS</b>	Condense a topic onto one revision card. <b>10 POINTS</b>	What does 24 carat gold mean? <b>10 POINTS</b>	Using Lego, cutlery or any other objects, sort them into Venn diagrams. <b>10 POINTS</b>	Write a list of 5 jobs that use maths. <b>10 POINTS</b>	Learn Pi to 8 decimal places. <b>10 POINTS</b>	Count how many steps it takes to walk around your bedroom. <b>10 POINTS</b>	Write down a list of all the times you use maths in real life. <b>10 POINTS</b>	Design an information sheet explaining how to convert between 12 and 24hour clock. <b>10 POINTS</b>
How many seconds have you been alive? <b>10 POINTS</b>	Pick a profession or career and try and list as many ways maths might be used in that job. <b>10 POINTS</b>	How could you calculate the volume of your brain? <b>10 POINTS</b>	How many different ways can you make 15p? <b>10 POINTS</b>	Using up to four 4s and any of the 4 operations, how many numbers can you make? <b>10 POINTS</b>	Show 4 different representations of a fraction. <b>10 POINTS</b>	Write instructions on how to measure angles using a protractor. <b>10 POINTS</b>	Explain the difference between significant figures and decimal places. <b>10 POINTS</b>	Give an example to show when "two minus make a plus" is false. <b>10 POINTS</b>	Write a question with -5 as the answer. <b>10 POINTS</b>
Design a new flag. It must have at least one line of symmetry and three colours. <b>10 POINTS</b>	How many Rice Krispies are there in a box? How could you estimate this without counting them? <b>10 POINTS</b>	Investigate the London Eye. How may rotations does it make? How far does it travel each day? <b>10 POINTS</b>	How long would it take for you to walk around the UK? <b>10 POINTS</b>	Explain what a negative number is. <b>10 POINTS</b>	Carry out a survey in your house; it could be on anything. Display the data using the appropriate chart. <b>10 POINTS</b>	Make a crossword using key words for number. <b>10 POINTS</b>	The average person uses 27 sheets of toilet paper a day. A toilet roll has 100 sheets. How many toilet rolls does a family of 4 need in a week? <b>10 POINTS</b>	Create a coded message for someone else to crack. <b>10 POINTS</b>	Can you find the minimum number of trips in the chicken, fox and corn problem? <b>10 POINTS</b>
Draw a table showing different ways to classify shapes. <b>10 POINTS</b>	Write a guide for parents about a topic in maths so that they can help with homework. <b>10 POINTS</b>	Write a letter to a Year 6 pupil, explaining how maths will be similar and different at secondary school. <b>10 POINTS</b>	Choose one piece of marked work in your book and re-do it, responding to feedback and making improvements where necessary. <b>10 POINTS</b>	Explain how to convert fractions to decimals and percentages. <b>10 POINTS</b>	Design cards to play the game Taboo with maths phrases. <b>10 POINTS</b>	Write a question with a mark scheme on the topic of negative numbers. <b>10 POINTS</b>	How many days in 1 million seconds? <b>10 POINTS</b>	What is the only number to have the same number of letters as its meaning? <b>10 POINTS</b>	Investigate different tests for divisibility of numbers. Create a poster to show these. <b>10 POINTS</b>
Investigate a historical figure in mathematics and write a report on what you have learned. <b>10 POINTS</b>	Write 10 quick questions on basic algebra skills. <b>10 POINTS</b>	Create a Pinterest board on maths in nature. <b>10 POINTS</b>	Investigate the Golden Ratio and its history. <b>10 POINTS</b>	Keep a diary of the tasks you have done and the work you have completed over a week. <b>10 POINTS</b>	Investigate numbers in the solar system. <b>10 POINTS</b>	What is the difference between a factor and a multiple? Give an example of when you use both of these in maths. <b>10 POINTS</b>	What is the first number to contain the letter 'a'? <b>10 POINTS</b>	What is the only number to have all of its letters in alphabetical order? Find some other interesting maths facts. <b>10 POINTS</b>	Create a tessellating pattern. <b>10 POINTS</b>
If you travel halfway to town, 50km away at the speed of 25km/h, how fast do you have to go the rest of the way to have an average speed of 50km/h? <b>10 POINTS</b>	54 is the smallest number that can be written as the sum of 3 squares in 3 ways. Can you find them? <b>10 POINTS</b>	Find an example of impolite and polite numbers. <b>10 POINTS</b>	Write 10 quick questions on basic shape skills. <b>10 POINTS</b>	Write 10 quick questions on basic number skills. <b>10 POINTS</b>	Write a list of 5 definitions of words linking to the topic of probability. <b>10 POINTS</b>	What does the word 'equals' mean? Where does it originate? <b>10 POINTS</b>	The number eight comes first if all numbers were arranged alphabetically. Which would come last? <b>10 POINTS</b>	Use diagrams to explain how to draw straight line graphs. <b>10 POINTS</b>	What is the lowest multiple of twelve that is a square number? <b>10 POINTS</b>
Investigate the Konigsberg bridge problem. Design a poster to explain it. <b>10 POINTS</b>	Create a maths crossword. <b>10 POINTS</b>	Can you draw a house with a cross without taking your pen off the paper? Investigate this famous puzzle. Where do you need to start? <b>10 POINTS</b>	Create a picture using coordinates. <b>10 POINTS</b>	Make a mobius band out of a single piece of paper. <b>10 POINTS</b>	Starting with the number 1 all the way to 1,000, how many 1s will you write down? <b>10 POINTS</b>	Write a question where 360 <sup>0</sup> is the answer. <b>10 POINTS</b>	Design a worksheet which could be used by primary pupils. <b>10 POINTS</b>	Make a quiz on any topic you have covered so far. <b>10 POINTS</b>	Create a treasure hunt around your house using maths questions. <b>10 POINTS</b>
What does the word percentage mean? <b>10 POINTS</b>	Write 10 quick questions on basic statistics skills. <b>10 POINTS</b>	Make a set of revision notes on any topic. <b>10 POINTS</b>	Calculate the surface area of a room in your house. <b>10 POINTS</b>	Investigate the average height of children over the last 100 years. <b>10 POINTS</b>	Make a wordsearch using key words for shape. <b>10 POINTS</b>	Write an article for a newspaper, explaining why you need maths in real life. <b>10 POINTS</b>	Write a guide for how to add fractions. <b>10 POINTS</b>	Can you explain why any number to the power of 0 is 1? <b>10 POINTS</b>	Write a question with 'mean is 14' as the answer. <b>10 POINTS</b>



# Science Learning Grid Challenge: KS3 Science

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save you work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

Describe how you would test foods for glucose, starch, proteins and fats. <b>10 POINTS</b>	Find a scientific news item and summarise it in your own words. <b>10 POINTS</b>	Draw and name each of the types of human teeth. Describe the function of each tooth. <b>10 POINTS</b>	Choose three packets of food and evaluate how healthy they are. <b>10 POINTS</b>	Compare a permanent magnet and an electromagnet. Describe how they are used differently and the advantages and disadvantages of each. <b>10 POINTS</b>	Describe the movements in the thorax that allow breathing to occur. <b>10 POINTS</b>	Write a song or a poem inspired by any topic you have covered in science this year. <b>10 POINTS</b>	Describe the effects of smoking and asthma on the lungs. <b>10 POINTS</b>	Write a short story to describe what happens when a sperm meets an egg and fertilisation occurs. <b>10 POINTS</b>	Choose an element from the periodic table. Draw a labelled diagram of an atom. Describe the atom in as much detail as possible. <b>10 POINTS</b>
Make a crossword using scientific key words for a physics topic. <b>10 POINTS</b>	Choose any topic. Make a set of cards of key words and a second set of definitions. Mix them up and find the matching pairs. <b>10 POINTS</b>	Write a step by step method describing how make an onion cell slide and how to view it under a microscope. Include an equipment list. <b>10 POINTS</b>	Draw particle diagrams of a solid, liquid and a gas. Add arrows and labels to show evaporating, condensing, melting and freezing. <b>10 POINTS</b>	Make a model of a plant cell labelling all the parts. Describe the function of each part. <b>10 POINTS</b>	Write a step by step method describing how to test materials to determine if they conduct electricity. <b>10 POINTS</b>	Describe how metals can be extracted from their ores using electricity. <b>10 POINTS</b>	Draw a Venn diagram describing changes during puberty: those that happen to males only, females only and those that happen to both sexes. <b>10 POINTS</b>	List the structures that make up the circulatory system. State the function of each structure. <b>10 POINTS</b>	Create an A4 poster explaining important safety rules for a practical you have done this term. <b>10 POINTS</b>
Write a step by step method describing to a Year 6 pupil how to safely light a Bunsen burner. <b>10 POINTS</b>	Create a board game based on a topic from this term. It should test skills and knowledge. <b>10 POINTS</b>	Create a Facebook profile page for any famous scientist. <b>10 POINTS</b>	Name the components of a balanced diet. Describe what each is used for by our bodies. <b>10 POINTS</b>	Chose any topic in science and make a spider diagram summarising your knowledge. <b>10 POINTS</b>	Describe and explain 4 ways in which the lungs are adapted for gas exchange. <b>10 POINTS</b>	Draw a Venn diagram comparing series and parallel circuits. <b>10 POINTS</b>	Choose a predator and its prey. Explain how each is adapted to their environment. <b>10 POINTS</b>	Write a method for an experiment to investigate the pH of some household chemicals. Include an equipment list. <b>10 POINTS</b>	Write 10 multiple choice questions about electricity, including the answers. <b>10 POINTS</b>
Write a method for an experiment to investigate the speed of sound. Include an equipment list. <b>10 POINTS</b>	Create an iMovie trailer to illustrate a topic you have covered in science this year. <b>10 POINTS</b>	Make a poster to explain how the particles behave in the reaction between iron and sulphur. <b>10 POINTS</b>	Design a poster that explains how plants are adapted to scatter their seed. <b>10 POINTS</b>	Create a board game based on a topic from this term. It should test skills and knowledge. <b>10 POINTS</b>	Describe how the different blood vessels are adapted to their function. <b>10 POINTS</b>	Describe the structure of the heart, naming all the chambers and blood vessels. <b>10 POINTS</b>	Choose one piece of marked work in your book and re-do it, responding to feedback and making improvements where necessary. <b>10 POINTS</b>	Draw a flow diagram to show what happens when the skin is damaged. Describe how the parts of the blood protect from infection and form a clot. <b>10 POINTS</b>	Draw a Venn diagram comparing plant and animal cells. <b>10 POINTS</b>
Write 10 multiple choice questions about forces, including the answers. <b>10 POINTS</b>	Explain which properties allow metals to be used for saucepans, bells, electrical wires and jewellery. <b>10 POINTS</b>	Make a crossword using scientific key words for a biology topic. <b>10 POINTS</b>	Draw a labelled cross-section of each type of blood vessel. Write a summary of the difference between them. <b>10 POINTS</b>	Choose a maths topic and show how it can be used in science. <b>10 POINTS</b>	Create a vlog, or a documentary, explaining a topic or area of study from science. <b>10 POINTS</b>	For each of the following answers, write down the question: friction, weight, contact, magnetism and Newtonmeter. <b>10 POINTS</b>	Describe how sound waves are formed by wind chimes. Explain what affects the intensity and pitch of sound. <b>10 POINTS</b>	Draw a poster explaining as much as possible about electrical circuits. Include series and parallel circuits. <b>10 POINTS</b>	List the structures of the male reproductive system. State the function of each structure. <b>10 POINTS</b>
List the structures that make up the respiratory system. State the function of each structure. <b>10 POINTS</b>	Think of a science keyword beginning with every letter of the alphabet. <b>10 POINTS</b>	Using your knowledge of plants, design a plant capable of surviving in the desert. Explain how it is adapted. <b>10 POINTS</b>	Describe how the air we breathe in differs from the air we breathe out. <b>10 POINTS</b>	Describe a sink full of washing up. State whether each item is a solid, liquid or gas and an element mixture or compound. <b>10 POINTS</b>	Write two lists of the properties of metals and non-metals. <b>10 POINTS</b>	Write a step by step method describing how to test the strength of an electromagnet. Include an equipment list. <b>10 POINTS</b>	Think of a mnemonic to remember the order of metals in the reactivity series. <b>10 POINTS</b>	Make a crossword using scientific key words for a chemistry topic. <b>10 POINTS</b>	Identify 3 of your areas for improvement in practical work. Suggest how you can improve next year. <b>10 POINTS</b>
Design a circuit diagram to allow the lights in a room to be switched on and off by two independent switches. <b>10 POINTS</b>	Choose a food web. Write as many food chains as you can find. Describe how some of the organisms are adapted to their environment. <b>10 POINTS</b>	Write a newspaper article describing how COVID-19 is transmitted between people. <b>10 POINTS</b>	Describe how lung volume can be measured. <b>10 POINTS</b>	Design a flashcard describing the seven life processes (MRS GREN). <b>10 POINTS</b>	List the structures that make up the digestive system. State the function of each structure. <b>10 POINTS</b>	Describe the digestion of a ham sandwich, naming the organs and enzymes involved. <b>10 POINTS</b>	Use your knowledge of forces to explain how a lighter person can balance a heavier person on a seesaw. <b>10 POINTS</b>	Make flashcards summarising 3 topics in science. <b>10 POINTS</b>	Chose five vertebrates. Explain how you could classify them into smaller groups. <b>10 POINTS</b>
Write a step by step description of how electricity is generated using coal and wind power. <b>10 POINTS</b>	Draw a particle diagram and explain what is happening in the displacement reaction between iron and copper sulphate. <b>10 POINTS</b>	Explain why microscopes are an important tool for some scientists. <b>10 POINTS</b>	Explain why eating undercooked meat can cause food poisoning. Explain how your body tries to prevent food poisoning. <b>10 POINTS</b>	List the sources of renewable energy and describe the advantages and disadvantages of each. <b>10 POINTS</b>	Draw a food chain with a producer, primary and secondary consumer. Explain the effect on the producer and secondary consumer if the primary consumer died out. <b>10 POINTS</b>	Write a method for an experiment to investigate the speed of sound. Include an equipment list. <b>10 POINTS</b>	Write a step by step method describing how to investigate which surfaces bacteria grow on. Include an equipment list. <b>10 POINTS</b>	Draw a particle diagram to model the chemical reaction between oxygen and magnesium to produce magnesium oxide. <b>10 POINTS</b>	Design a poster to explain how the greenhouse effect causes global warming. <b>10 POINTS</b>



# Geography Learning Grid Challenge: Geography – Oceans and revision

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p>Using resources in the <b>TASK 1</b> folder on teams – to create a leaflet for young children on the 5 main oceans and the differences between oceans and seas.</p> <p><b>10 POINTS</b></p>	<p>Create a leaflet for the public on the water transfer schemes we have in the UK and why we will need more of these in the future. Make sure you talk about the importance of them.</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 2</b> folder on teams – read the information on plastic in the ocean and write a persuasive letter to the government advising them why we need measures to protect our oceans</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 2</b> folder on teams and make a list of 10 ways in which on a global or local scale we could reduce our plastic waste</p> <p><b>20 POINTS</b></p>	<p>Everyday for a week write a diary entry, that explains one news article you have read each day that has an element of Geography in it.</p> <p><b>20 POINTS</b></p>	<p>Create a design that could be used on a reusable water bottle that would attract people to buy the bottle and not buy plastic water bottles.</p> <p><b>10 POINTS</b></p>	<p>Creative activity Create a 3D model of the earths structure</p> <p><b>20 POINTS</b></p>	<p>Think back to year 7 when you went on the small trip to the River Cole. Design your own fieldtrip to another location within the West Midlands. It needs to fit into one or more of the following topics – rivers, tourism, globalisation, cities.</p> <p>You need to think about travel, activities, are there any risks? And ...</p> <p><b>20 POINTS</b></p>
<p>Using resources in the <b>TASK 1</b> folder on teams to create a detailed article for a Geographical magazine on the main ways in which the oceans circulates</p> <p><b>10 POINTS</b></p>	<p>Create a newspaper article to educate people on the various ways in which the world has become more global in the 50 years. Think about travel, tourism, businesses and being able to work for an international company</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 2</b> folder on teams and make a list of 10 ways in which on a global or local scale we could reduce our plastic waste</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 2</b> folder on teams and make a list of 10 ways in which on a global or local scale we could reduce our plastic waste</p> <p><b>20 POINTS</b></p>	<p>Research an earthquake that has happened in the last 5 years. Where was it, what was the magnitude, what where the effects, what where the responses?</p> <p><b>20 POINTS</b></p>	<p>Design your own species of fish that lives in an area of ocean we have not explored yet. Give it a name, describe its features.</p> <p><b>10 POINTS</b></p>	<p>Create an Earthquake advise leaflet that can be handed out to people in LIC countries. Remember some people in these countries have poor literacy skills so include lots of drawings.</p> <p><b>20 POINTS</b></p>	<p>Creative activity Create a 3D model of an earthquake</p> <p><b>20 POINTS</b></p>
<p>Using resources in the <b>TASK 1</b> folder on teams complete a</p> <p><b>10 POINTS</b></p>	<p>Think back to year 7 and the rivers topic. Research Storm Dennis and the impact this storm had due to major rivers flooding around the UK</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 3</b> folder on teams – write a letter to people in schools 100 years from now, telling them what coral reefs are, where the are found and how we are damaging coral reefs but also trying to prevent this damage.</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 3</b> folder on teams – draw an annotated diagram to show what happens to coral when it becomes bleached.</p> <p><b>20 POINTS</b></p>	<p>Design a new type of material that could be used instead of plastic to try and help reduce the amount of plastic in the ocean.</p> <p><b>20 POINTS</b></p>	<p>Write a letter for your future self to read in 20 years. Include in your letter, what is happening in the world at the moment? What are the oceans like? Where do people in the UK go on holiday? What is happening to our climate? What do you hope has changed in 20 years' time?</p> <p><b>10 POINTS</b></p>	<p>Letter to European Union advising them on what to do if the Iceland volcano was to erupt again. (Think about the airspace)</p> <p><b>20 POINTS</b></p>	<p>Do some research into overfishing in our oceans and write down 15 key facts.</p> <p><b>20 POINTS</b></p>
<p>Using resources in the <b>TASK 1</b> folder on teams complete a</p> <p><b>10 POINTS</b></p>	<p>Create a leaflet educating primary school children on the challenges and opportunities we face in our cities and how could they help prevent these challenges. Think about Mexico City</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 3</b> folder on teams – Write a letter to tourists visiting the Great Barrier Reef to explain to them the impacts they can have on the coral if they do not follow instructions</p> <p><b>20 POINTS</b></p>	<p>Using resources in the <b>TASK 3</b> folder on teams – make a poster using the information to educate people on the ways in which coral is being damaged.</p> <p><b>20 POINTS</b></p>	<p>Pretend you are Captain Jack and you are travelling the world, write 4 diary entries of what it was like to visit 4 different countries. How different where these countries? What was the weather like? What animals where there? Was it a developed area or not?</p> <p><b>20 POINTS</b></p>	<p>Design your own piece of coral that could be found in the coral reef. Give it a name and describe some of its features. Remember to think about its colour</p> <p><b>10 POINTS</b></p>	<p>Design a new travel company – where will you travel to? What are your prices? Are you a package holiday company? How will you advertise your company? How will you employ your staff? What type of staff members will you need?</p> <p><b>20 POINTS</b></p>	<p>Create a Newspaper article to explain what happened during the Montserrat eruption. This was a volcanic eruption you studied in year 7.</p> <p><b>20 POINTS</b></p>



## History Learning Grid Challenge:

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save you work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p>What is an atomic bomb?</p> <p><b>10 POINTS</b></p>	<p>Write a paragraph explaining why America dropped the atomic bomb on Japan?</p> <p><b>20 POINTS</b></p>	<p>Describe the destruction the atomic bomb caused on Hiroshima?</p> <p><b>20 POINTS</b></p>	<p>Describe the destruction the atomic bomb caused on Nagasaki?</p> <p><b>20 POINTS</b></p>	<p>Write a newspaper article explaining the events of the Atomic Bombings of Hiroshima and Nagasaki. You should include:</p> <ul style="list-style-type: none"> <li>• What happened</li> <li>• Why it happened</li> <li>• An opinion about atomic weapons use.</li> </ul> <p>You can write this from a Japanese or American Perspective (Stretch it: Write a report from the alternatives view)</p> <p><b>40 POINTS</b></p>	<p>What is antisemitism?</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1">https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1</a> (please use this if you are researching online as there is lots of false information online)</p> <p><b>10 POINTS</b></p>	<p>Draw a timeline of the history of antisemitism.</p> <p><a href="https://www.history.com/topics/holocaust/antisemitism">https://www.history.com/topics/holocaust/antisemitism</a> (please use this if you are researching online as there is lots of false information online)</p> <p><b>20 POINTS</b></p>	<p>Describe some of the bad things that happened to the Jews in Nazi Germany up to 1939.</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1">https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1</a> (please use this if you are researching online as there is lots of false information online)</p> <p><b>20 POINTS</b></p>
<p>What was the Holocaust?</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1">https://www.bbc.co.uk/bitesize/guides/zkfk7ty/revision/1</a> (please use this if you are researching online as there is lots of false information online)</p> <p><b>10 POINTS</b></p>	<p>Watch the videos on here: <a href="https://www.bbc.co.uk/programmes/articles/4W3yzYG6DzPBH08Ld0H9L9j/six-stories-of-children-who-survived-the-holocaust">https://www.bbc.co.uk/programmes/articles/4W3yzYG6DzPBH08Ld0H9L9j/six-stories-of-children-who-survived-the-holocaust</a></p> <p>Imagine you were a Jewish Child during WWII. Write a diary account of what it might have been like.</p> <p><b>30 POINTS</b></p>	<p>Read a historic book and or an appropriate historic film. Write a report into how historically accurate you feel it is.</p> <p><b>60 POINTS</b></p>	<p>What is an empire?</p> <p><b>10 POINTS</b></p>	<p>How big was the British empire? (What countries were involved?)</p> <p><b>10 POINTS</b></p>	<p>Describe what a colony is.</p> <p><b>10 POINTS</b></p>	<p>Pick 3 former British colonies, how did each one gain its independence?</p> <p><b>30 POINTS</b></p>	<p>What was the Cold war?</p> <p><b>20 POINTS</b></p>
<p>What is Capitalism?</p> <p><b>10 POINTS</b></p>	<p>What is Communism?</p> <p><b>10 POINTS</b></p>	<p>Design an anti-Communist propaganda poster.</p> <p><b>20 POINTS</b></p>	<p>Design an anti-Capitalist propaganda poster.</p> <p><b>20 POINTS</b></p>	<p>Draw a timeline (or storyboard) of key events that happened during the Cold war.</p> <p><b>20 POINTS</b></p>	<p>What is a superpower?</p> <p><b>10 POINTS</b></p>	<p>Who are the 3 biggest superpowers in the world today and what makes them superpowers?</p> <p><b>20 POINTS</b></p>	<p>Create a spider diagram (mind map) of all the different ways a war could start.</p> <p><b>10 POINTS</b></p>
<p>Do you ever think WW3 is likely? Why or why not?</p> <p><b>20 POINTS</b></p>	<p>Find out about the history in your local area.</p> <p><b>20 POINTS</b></p>	<p>Describe a historic event that happened in Birmingham.</p> <p><b>20 POINTS</b></p>	<p>What is an historic source?</p> <p><b>10 POINTS</b></p>	<p>What makes a source reliable?</p> <p><b>10 POINTS</b></p>	<p>Create a reliable and unreliable source for the same event of your choice. What makes them reliable and unreliable?</p> <p><b>20 POINTS</b></p>	<p>Write the script for a podcast about a topic/issue of your choice.</p> <p><b>10 POINTS</b></p>	<p>Write a horrible histories article about a topic/issue of your choice.</p> <p><b>10 POINTS</b></p>



# Art Learning Grid Challenge:

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

Use these <a href="#">silly drawing prompts</a> to create three different drawings.  <b>10 POINTS</b>	Design and make a model of a place you have visited or would like to visit in the future.  <b>30 POINTS</b>	Have a go at using a needle and thread to either create a small image on fabric or cross stitch if you have the materials.  <b>20 POINTS</b>	Create a 3D flower using paper, this could be plain, newspaper or anything you have!  <b>20 POINTS</b>	Create a drawing of an object of your choice using collaged pieces of paper. You could use sugar/coloured/tissue paper or you could use magazines/newspapers.  <b>10 POINTS</b>	Coffee art – attempt to create a painting using coffee and a paintbrush. Hint- the more water you use the lighter the colour will be. <b>10 POINTS</b>	Draw a picture of your dream car/vehicle.  <b>10 POINTS</b>	Loo roll challenge – Using a loo roll, create a piece of art across the 3D surface. Google 'Pink Foot loo roll challenge' for ideas.  <b>20 POINTS</b>	Create a detailed drawing from a primary source (something directly in front of you) using pencil.  <b>10 POINTS</b>	create a Notan design. <a href="#">Follow the link</a> for an example or google 'Notan Design' if you are not sure what they are.  <b>20 POINTS</b>
Use a magazine to create a portrait collage. Once you have done this recreate it as a drawing. <a href="#">See here for an example.</a>  <b>10 POINTS</b>	Create a detailed drawing from a primary source (something directly in front of you) using pen.  <b>10 POINTS</b>	Research examples of different font styles. Design your own font and create the letters A-Z and numbers 1-10 in your own style.  <b>20 POINTS</b>	Create a 3D drawing. You could create this drawing using wire, straws or paper. The drawing can be created either as a sculpture or stuck onto paper.  <b>20 POINTS</b>	Research examples of stain glass windows and create your own example based on the theme 'Out of this World'  <b>20 POINTS</b>	Photograph at least 10 different textures from around your home. Try to recreate 3 of these as a drawing.  <b>10 POINTS</b>	Design and make a 3D bug/insect using materials you have around your home.  <b>20 POINTS</b>	Texture – Try to use materials from around your home to create a drawing which shows fire.  <b>10 POINTS</b>	Draw or paint a bright sunny day, with fluffy clouds in the sky.  <b>10 POINTS</b>	Texture – Try to use materials from around your home to create a drawing which shows air.  <b>10 POINTS</b>
Texture – Try to use materials from around your home to create a drawing which shows water.  <b>10 POINTS</b>	Draw or paint a picture that includes a sunset in the sky.  <b>10 POINTS</b>	Draw a picture of your hand in three different positions.  <b>10 POINTS</b>	Draw or paint a picture that shows a dull, gloomy and story day.  <b>10 POINTS</b>	Draw a picture that shows what you are going to do first when the lockdown is over.  <b>10 POINTS</b>	Draw or paint the view you would see through a kaleidoscope.  <b>10 POINTS</b>	Shade <a href="#">the picture here</a> to look like a cube (printer required) If you have no printer, draw out the shape first on paper.  <b>10 POINTS</b>	Draw/paint a picture of a bubble. Focus on the bubble being enlarged and try to include reflections.  <b>10 POINTS</b>	Shade <a href="#">the picture here</a> to look like the cylinder (printer required) If you have no printer, draw out the shape first on paper.  <b>10 POINTS</b>	Create a colour wheel (primary and secondary colours) using objects from around your home. Photograph the colour wheel when you have finished. <b>20 POINTS</b>
Design a new home or building as if you were an architect.  <b>10 POINTS</b>	Shade <a href="#">the picture here</a> to look like the ball (printer required) If you have no printer, draw out the shape first on paper.  <b>10 POINTS</b>	Design a cover for a magazine as if you were a graphic designer.  <b>10 POINTS</b>	Draw a bottle like the one <a href="#">you see here</a> and apply shading and tone. Look closely at where the shadows and highlights would be. <b>10 POINTS</b>	Research Optical illusion art and design and create your own. You could do this using a digital app if you have access to this. <b>20 POINTS</b>	Complete the missing shadows <a href="#">on the sheet</a> . Set up your own still life using objects and create a drawing that includes cast shadows. <b>10 POINTS</b>	Have a go at several different origami designs. Try and make the most detailed and intricate design you are capable of. <b>10 POINTS</b>	Perspective – Research one-point-perspective and draw a picture which shows your understanding of this.  <b>10 POINTS</b>	Mix the primary colours (red, yellow and blue) together to create as many different colours as you can.  <b>10 POINTS</b>	Perspective – Research two-point-perspective and draw a picture which shows your understanding of this.  <b>10 POINTS</b>
Photography task – take photographs of objects from around your home that look like letters. Try to spell your name.  <b>10 POINTS</b>	Draw or paint a picture that shows movement.  <b>10 POINTS</b>	Photography task – choose 1 colour and take as many different photographs of things around your home that are this colour.  <b>10 POINTS</b>	Draw or paint a picture that shows the four different seasons (Summer, Spring, Autumn and Winter)  <b>10 POINTS</b>	Select an image from a newspaper/magazine. Cut the image in half and draw the other half back in with your pencil. An image with symmetry is best for this task. <b>10 POINTS</b>	Print out a colouring page (or use a colouring book at home if you have one) and colour the page using at least 5 different colours.  <b>10 POINTS</b>	Draw a picture of a bug or insect in detail.  <b>10 POINTS</b>	Take a virtual reality tour of the <a href="#">Van Gogh Museum</a> . Select your favourite piece of work in the gallery and explain in no less than 200 words why you chose that piece of work. <b>30 POINTS</b>	Design and name a new bug/insect. This could be done using your imagination or by using different parts of real bugs/insects and putting them together. <b>10 POINTS</b>	Research the artist Andy Goldsworthy. Use materials from the garden/nature to create a piece of art work in his style. Remember to take a photograph of your work! <b>20 POINTS</b>
Revise 'Colour' on <a href="#">BBC Bitesize here</a> and take the test here <a href="https://www.bbc.co.uk/bitesize/guides/z9bbk2p/test">https://www.bbc.co.uk/bitesize/guides/z9bbk2p/test</a> . Screenshot your results. <b>20 POINTS</b>	Draw the patterns you see in a basket weave.  <b>10 POINTS</b>	Look at the work of Banksy and create a piece of graffiti artwork in his style that explains your feelings about being in isolation.  <b>20 POINTS</b>	Practise drawing hair. You could try and draw a braided hair pony tail once you have developed a technique you are happy with.  <b>10 POINTS</b>	Research the artist Henri Matisse's cut out images and create a piece of art work of your choice in a similar style.  <b>20 POINTS</b>	Draw at least 8 different patterns you can find in nature. If you can, you should photograph these first to draw from.  <b>10 POINTS</b>	Research the art work 'Starry Night' by Van Gogh. Try to recreate the painting using a fork (preferably plastic) to scrape the paint in a similar style. <b>30 POINTS</b>	Draw a detailed picture of a butterfly in colour.  <b>10 POINTS</b>	Research Mandala art and create a version of your own. Precision is absolutely the key here!  <b>20 POINTS</b>	Draw a picture of your own pet or a pet you would like to own.  <b>10 POINTS</b>
Draw a picture of your favourite sweets or chocolate.  <b>10 POINTS</b>	Research the artist Henry Moore and design a new sculpture in his style.  <b>20 POINTS</b>	Draw or paint a pair of trainers or shoes. Develop this activity further by designing your own!  <b>10 POINTS</b>	Create an A-Z glossary of art terms and their definitions.  <b>20 POINTS</b>	Draw a picture or your favourite animation/cartoon character.  <b>10 POINTS</b>	Revise 'Pattern' on <a href="#">BBC Bitesize here</a> and take the test here <a href="https://www.bbc.co.uk/bitesize/guides/z3c4jty/test">https://www.bbc.co.uk/bitesize/guides/z3c4jty/test</a> Screenshot your results. <b>20 POINTS</b>	Draw a scene from your favourite book using your imagination to bring the words to life.  <b>10 POINTS</b>	Research the artist Warren King. Attempt to make a 3D sculpture of yourself in his style using cardboard.  <b>30 POINTS</b>	Photography task – take as many different photographs that you can from around your home that link to the theme 'nature'  <b>10 POINTS</b>	Research a piece of work called 'Globe in Hand' by M.C. Escher. Draw yourself in a similar style, using the back of a spoon if you do not have a globe. <b>20 POINTS</b>
Photography task – take as many different photographs that you can from around your home that link to the theme 'portraits'  <b>10 POINTS</b>	Revise 'Texture' <a href="#">on BBC Bitesize here</a> and take the test here <a href="https://www.bbc.co.uk/bitesize/guides/ztxsrd/test">https://www.bbc.co.uk/bitesize/guides/ztxsrd/test</a> Screenshot your results. <b>20 POINTS</b>	Use your imagination to draw a picture of your choice, you could start by looking at an everyday object as a starting point.  <b>10 POINTS</b>	Research the art form zentangles. Create a page of your own zentangle designs, with a minimum of 8 different patterns.  <b>10 POINTS</b>	Research the artist Salvador Dali and design an image in his style based on a dream you have had.  <b>20 POINTS</b>	Use objects/your hands to create shadow art. Take photographs of the images you create.  <b>10 POINTS</b>	Revise 'Tone' on <a href="#">BBC Bitesize here</a> and take the test here <a href="https://www.bbc.co.uk/bitesize/guides/z2thmsg/test">https://www.bbc.co.uk/bitesize/guides/z2thmsg/test</a> . Screenshot your results. <b>20 POINTS</b>	Imagine you are going to decorate a room in your house. Develop an interior design mood board which shows your ideas for colours. Furniture and furnishings. <b>20 POINTS</b>	Research the artist Alberto Giacometti and use tin foil to design and create your own figure sculpture in his style.  <b>20 POINTS</b>	Design a new front cover for your favourite book.  <b>10 POINTS</b>



# Design Technology and Engineering Learning Grid Challenge: Design Technology and Engineering.

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save you work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p>The research tasks for the planter project</p> <p><b>20 points</b></p>	<p>Write a script for a podcast on a topic/issue of choice</p> <p><b>20 Points</b></p>	<p>Complete the STEM careers survey</p> <p><b>20 POINTS</b></p>	<p>Complete a design ventura challenge and enter it to their weekly competition (drawn on a Thursday) This week design a commercially viable product for the Design Museum Shop to be sold for around £10</p> <p><b>20 POINTS</b></p>	<p>Follow one of the youtube clips and develop your presentation skills. Keep these safe to document your improvement.</p> <p><b>20 POINTS</b></p>	<p>Complete a stem challenge from the stem challenge badge activity pack</p> <p><b>10 POINTS</b></p>	<p>Complete 3 of the plastics in production homework challenge tasks</p> <p><b>20 POINTS</b></p>	<p>Enter the Spring Break Easter Challenge</p> <p><b>20 POINTS</b></p>
<p>Complete a range of designs for your planter project</p> <p><b>20 POINTS</b></p>	<p>Compete the shading and tonal shading tasks from the drawing hwk booklet power point</p> <p><b>10 POINTS</b></p>	<p>Complete another 3 of the plastics in production homework challenge tasks</p> <p><b>20 POINTS</b></p>	<p>Follow the next youtube clip and develop your presentation skills. Keep these safe to document your improvement.</p> <p><b>20 POINTS</b></p>	<p>Watch one of the super STEM challenge movies and create a task on the sheet</p> <p><b>20 POINTS</b></p>	<p>Research what is meant by sustainability and why this is important for packaging. Create a page of sustainable packaging and document what you like/ why.</p> <p><b>10 POINTS</b></p>	<p>Complete a stem challenge from the recycle challenge badge activity pack</p> <p><b>20 POINTS</b></p>	<p>Create your own cardboard chair by using on corrugated card, Document your developments, and explain what you learnt from any failures you have come up against</p> <p><b>20 POINTS</b></p>
<p>Gather and test materials for your planter and document your developments</p> <p><b>20 POINTS</b></p>	<p>Compete the graffiti shading task from the drawing hwk booklet power point . Extension slide 18.</p> <p><b>10 POINTS</b></p>	<p>Complete 5 of the 30 day challenge designs</p> <p><b>20 POINTS</b></p>	<p>Complete the biomimicry lesson 1</p> <p><b>20 POINTS</b></p>	<p>Complete another 3 of the plastics in production homework challenge tasks</p> <p><b>20 POINTS</b></p>	<p>Follow the next youtube clip and develop your presentation skills. Keep these safe to document your improvement.</p> <p><b>10 POINTS</b></p>	<p>Complete a reduce challenge from the reduce challenge badge activity pack</p> <p><b>20 POINTS</b></p>	<p>Complete 5 of the 30 day challenge designs</p> <p><b>20 POINTS</b></p>
<p>Evaluate your planter product and make improvements. Can you annotate your designs and get feedback from other people.</p> <p><b>20 POINTS</b></p>	<p>Compete the isometric grid pages on slides 6 and 7 from the drawing hwk booklet powerpoint. Extension slide 16 and 17</p> <p><b>10 POINTS</b></p>	<p>Complete another 3 of the plastics in production homework challenge tasks</p> <p><b>20 POINTS</b></p>	<p>Complete 5 of the 30 day challenge designs</p> <p><b>20 POINTS</b></p>	<p>Complete the biomimicry lesson 2</p> <p><b>20 POINTS</b></p>	<p>Follow the next youtube clip and develop your presentation skills. Keep these safe to document your improvement.</p> <p><b>10 POINTS</b></p>	<p>Create a Geodesic dome and take photographs of your work – use the at home DT extension learning power point to help you</p> <p><b>20 POINTS</b></p>	<p>Create a marble run out of card board take photographs of your work – use the at home DT extension learning power point to help you</p> <p><b>20 POINTS</b></p>



# Drama Learning Grid Challenge:

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<p>See "Become a playwright" document.</p> <p><b>Task 1:</b> Watch this video from BBC Bitesize <a href="https://www.bbc.co.uk/bitesize/topics/zsn4h39/articles/zx8kng8">https://www.bbc.co.uk/bitesize/topics/zsn4h39/articles/zx8kng8</a></p> <p><b>10 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p>What is a playwright? Do your research and find the names of three famous playwrights.</p> <p><b>10 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p><b>Task 2:</b> You are going to become a playwright</p> <p>Create an idea. Who or what will your play be about? Where and when will it be set? Who will your characters be?</p> <p><b>15 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p>Learn about the different stage types. Draw a diagram of each and label it. <a href="https://www.bbc.co.uk/bitesize/guides/z26bjxs/revision/1">https://www.bbc.co.uk/bitesize/guides/z26bjxs/revision/1</a></p> <p><b>10 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p><b>Task 3:</b> Draw your theatre set. Pick a type of stage and design your own set, this can include different levels and a change of scenery if you wish) Then explain why you chose this type of stage for your play.</p> <p><b>20 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p><b>Task 4:</b> Draw your main character, and two other important characters. Label them with important information (costume, where they're from, age, health, personality, what they've got in their pockets)</p> <p><b>10 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p>Can you now create your characters' costumes using items in your home and outside spaces? Put them on and take pictures!</p> <p><b>10 POINTS</b></p>	<p>See "Become a playwright" document.</p> <p><b>Task 5:</b> Now write your play.</p> <p>Use the document for all of the support and criteria which will help you.</p> <p><b>30 POINTS</b></p>
<p>Write a list of all of the different plays that you have ever heard of. Highlight the ones you have seen.</p> <p><b>10 POINTS</b></p>	<p>Research William Shakespeare and find out what plays he wrote.</p> <p><b>10 POINTS</b></p>	<p>Take one of Shakespeare's famous plays. Read or watch this play. (You could do this with your family)</p> <p>Here's a link to 'Romeo and Juliet': <a href="https://www.youtube.com/watch?v=eSAIPJ0FG_0">https://www.youtube.com/watch?v=eSAIPJ0FG_0</a></p> <p><b>20 POINTS</b></p>	<p>Create a large drawing of a stage. Add on all of the different characters from the play you watched.</p> <p><b>20 POINTS</b></p>	<p>Write a detailed review of the play that you read or watched. Here's a link to help you with review writing: <a href="https://www.bbc.co.uk/bitesize/guides/zqt7k7h/revision/2">https://www.bbc.co.uk/bitesize/guides/zqt7k7h/revision/2</a></p> <p><b>30 POINTS</b></p>	<p>Write a summary of the play that you read / watched in 10 bullet points.</p> <p><b>10 POINTS</b></p>	<p>Subvert (change the genre) the play you read / watched and write your new play. You could make it: modern, scary, romantic, science fiction, more suited to young children, set underground.</p> <p><b>30 POINTS</b></p>	<p>Now, perform the play that you have just written (film it if you can!) You could use family, siblings, carers, and even pets if they'll stay still long enough?</p> <p><b>30 POINTS</b></p>
<p>Watch this video.</p> <p>Harry Potter: <a href="https://www.youtube.com/watch?v=kLezT8vLRSA">https://www.youtube.com/watch?v=kLezT8vLRSA</a></p> <p>Explain how they use physical theatre.</p> <p><b>5 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>In your own words, explain what Physical Theatre is. This should be no less than one detailed paragraph.</p> <p><b>10 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Write a review of the 'Harry Potter' clip which you watched. Use the sentence starters on the document, and the link below for support. <a href="https://www.bbc.co.uk/bitesize/guides/zqt7k7h/revision/2">https://www.bbc.co.uk/bitesize/guides/zqt7k7h/revision/2</a></p> <p><b>15 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Watch these videos of Frantic Assembly's chair duets: <a href="https://www.youtube.com/watch?v=nLrabSNRHhg">https://www.youtube.com/watch?v=nLrabSNRHhg</a> <a href="https://www.youtube.com/watch?v=Af7lbwW8cFY">https://www.youtube.com/watch?v=Af7lbwW8cFY</a></p> <p><b>10 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Now, watch and follow this chair duet tutorial (You will need another person to help you): <a href="https://www.youtube.com/watch?v=PB-9LERSyY8">https://www.youtube.com/watch?v=PB-9LERSyY8</a></p> <p><b>15 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Create your own chair duet with someone in your household. You create all of the moves and then teach it to them. Rehearse, rehearse, rehearse.</p> <p><b>20 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Now, record a performance of your chair duet.</p> <p><b>10 POINTS</b></p>	<p>See "Physical Theatre" document.</p> <p>Now that you have created your own chair duet, write a review of your own duet compared to the Othello duet which you watched.</p> <p><b>15 POINTS</b></p>
<p>Watch this TEDx talk: <a href="https://www.youtube.com/watch?v=LyxHujdRIpk">https://www.youtube.com/watch?v=LyxHujdRIpk</a></p> <p><b>10 POINTS</b></p>	<p>Watch this play. 'Romeo and Juliet' performed at Shakespeare's Globe Theatre in London: <a href="https://www.youtube.com/watch?v=eSAIPJ0FG_0">https://www.youtube.com/watch?v=eSAIPJ0FG_0</a></p> <p>Write a review.</p> <p><b>40 POINTS</b></p>	<p>Watch a different play each week on National Theatre's YouTube channel. <a href="https://www.youtube.com/user/ntdiscovertheatre/videos">https://www.youtube.com/user/ntdiscovertheatre/videos</a></p> <p>Write a review</p> <p><b>40 POINTS each week</b></p>	<p>Design a costume for each of the characters in the plays you have watched.</p> <p>Draw and label this, then see if you can create the costume from items in your house – put it on and take a picture.</p> <p><b>10 POINTS per character</b></p>	<p>Watch this play – 'Shrek the Musical': <a href="https://www.youtube.com/watch?v=UZLWzsrvoBE">https://www.youtube.com/watch?v=UZLWzsrvoBE</a></p> <p>Write a review</p> <p><b>40 POINTS</b></p>	<p>Watch this play – 'Flowers for Mrs Harris': <a href="https://www.cft.org.uk/flowers-for-mrs-harris-broadcast">https://www.cft.org.uk/flowers-for-mrs-harris-broadcast</a></p> <p>Write a review</p> <p><b>40 POINTS</b></p>	<p>Watch a different musical each week on The Shows Must Go On's YouTube Channel: <a href="https://www.youtube.com/channel/UCdmPjhKMaXNNeCr1FjuMvag">https://www.youtube.com/channel/UCdmPjhKMaXNNeCr1FjuMvag</a></p> <p>Write a review</p> <p><b>40 POINTS</b></p>	<p>Find a different play to watch online.</p> <p>Write a review.</p> <p><b>50 POINTS</b></p>



## MFL Learning Grid Challenge: French / Spanish KS3

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

Memorise 10 pieces of vocabulary for places in your town 10 POINTS	Memorise 10 pieces of vocabulary for different countries 10 POINTS	Memorise 10 adjectives to describe your family 10 POINTS	Write 40 words about your town 20 POINTS	Create a revision game to help you remember 20 words 20 POINTS
Memorise 10 pieces of vocabulary for different types of music 10 POINTS	Memorise 10 pieces of vocabulary for school subjects 10 POINTS	Memorise 10 adjectives to describe your town 10 POINTS	Write 40 words about films / music that you like 20 POINTS	Create a word search with your new vocabulary 20 POINTS
Memorise 10 pieces of vocabulary for different types of films 10 POINTS	Memorise 10 adjectives to describe yourself 10 POINTS	Memorise 10 adjectives to describe your school 10 POINTS	Write 40 words about your school 20 POINTS	Learn 20 of the most commonly used verbs 20 POINTS
Memorise 10 pieces of vocabulary for free time activities 10 POINTS	Memorise 10 adjectives to describe films / music 10 POINTS	Memorise 10 opinion phrases 10 POINTS	Write 40 words about what you do in your free time 20 POINTS	Put the 20 most commonly used verbs in the past, present and future tenses 40 POINTS



## Physical Education (PE): Learning Grid Challenge:

Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p>Step Up Challenge Time yourself doing it. Keep a log of the time it takes you to complete the following:</p> <p><b>USAIN BOLT's 100m 41 STEPS</b></p> <p>10 POINTS</p>	<p>Write the script for a podcast about a topic/issue of your choice.</p> <p>20 POINTS</p>	<p>Step Up Challenge Time yourself doing it. Keep a log of the time it takes you to complete the following:</p> <p><b>Eiffel Tower 674 STEPS</b></p> <p>20 POINTS</p>	<p>Step Up Challenge Time yourself doing it. Keep a log of the time it takes you to complete the following:</p> <p><b>Empire State Building 1,576 STEPS</b></p> <p>20 POINTS</p>	<p>Step Up Challenge Time yourself doing it. Keep a log of the time it takes you to complete the following:</p> <p><b>Philadelphia Art Museum 72 STEPS</b></p> <p>20 POINTS</p>	<p>Step Up Challenge: Research a different famous landmark and find out how many steps it would take to climb to the top? Can you rise to the challenge and make your way to the top?</p> <p>10 POINTS</p>	<p>Create your own fitness challenge and send it to one of your friends or family members to complete.</p> <p>20 POINTS</p>	<p>Design a fitness circuit that you can do in your house or in your garden.</p> <p>20 POINTS</p>
<p>Photograph yourself creating your name in "yoga" positions. Use the yoga poses PowerPoint, Find this in the Grid One PowerPoint folder.</p> <p>10 POINTS</p>	<p>Complete the alphabet using the different yoga positions. Use the yoga poses PowerPoint, Find this in the Grid One PowerPoint folder.</p> <p>20 POINTS</p>	<p>Create a message using the different yoga positions. Use the yoga poses PowerPoint, Find this in the Grid One PowerPoint folder.</p> <p>20 POINTS</p>	<p>Choose your favourite fantasy football team from the Premier League over the past 10 years. Use the fantasy football PowerPoint to help.</p> <p>10 POINTS</p>	<p>Research the best players and use their stats to justify why they are in my team. Use the fantasy football PowerPoint to help.</p> <p>20 POINTS</p>	<p>Create a fact book about each player, giving information about position, previous clubs, games played, and other stats that you wish to include.</p> <p>20 POINTS</p>	<p>Write a newspaper article with your opinion of: Who is the best footballer to ever have played in the Premiership and why?  Make sure you include pictures.</p> <p>20 POINTS</p>	<p>Choose a country and research its National Sport. Write a factsheet about this sport e.g. how is it played, rules and famous players.</p> <p>20 POINTS</p>
<p>Design a fitness circuit using household items for different people in your family. Use home fitness PowerPoint to help. <b>I can create one for a child aged 4-10</b></p> <p>10 POINTS</p>	<p>Design a fitness circuit using household items for different people in your family. Use home fitness PowerPoint to help. <b>I can create one for a teenager aged 11-18</b></p> <p>20 POINTS</p>	<p>Design a fitness circuit using household items for different people in your family. Use home fitness PowerPoint to help. <b>I can create one for a young adult aged 19-29</b></p> <p>20 POINTS</p>	<p>Design a fitness circuit using household items for different people in your family. Use home fitness PowerPoint to help. <b>I can create one for an adult aged 30-65</b></p> <p>20 POINTS</p>	<p>Design a fitness circuit using household items for different people in your family. Use home fitness PowerPoint to help. <b>I can create one for a pensioner aged 65+</b></p> <p>20 POINTS</p>	<p>Complete the Joe Wicks workout on YouTube twice in a week?</p> <p>10 POINTS</p>	<p>Complete a whole week of Joe Wicks workouts on YouTube?  Can you create your own Fitness workout?</p> <p>20 POINTS</p>	<p>Find a yoga workout on YouTube and complete the session.  Can you get a family member to do the session with you?</p> <p>20 POINTS</p>
<p>Choose a cuisine from around the world; see if you can make a healthier option. Use the around the world in 8 recipes PowerPoint to help.</p> <p>10 POINTS</p>	<p>I can research the total calorie intake for the meal once I have made it healthier. Use the around the world in 8 recipes PowerPoint to help.</p> <p>20 POINTS</p>	<p>I can do this for 1-2 different cuisines. Use the around the world in 8 recipes PowerPoint to help.</p> <p>20 POINTS</p>	<p>I can do this for 3-4 different cuisines. Use the around the world in 8 recipes PowerPoint to help.</p> <p>20 POINTS</p>	<p>I can do this for 5-6 different cuisines. Use the around the world in 8 recipes PowerPoint to help.</p> <p>20 POINTS</p>	<p>I have cooked this meal and I have taken photos during the process to create a recipe card.</p> <p>20 POINTS</p>	<p>What is the 'Eatwell' plate? What proportion of each food group should we eat? Can you give examples of food you eat from each food group?</p> <p>10 POINTS</p>	<p>Keep a food diary for a week and log everything you eat and drink? Rate how healthy your week was. Could you have made it healthier?</p> <p>20 POINTS</p>



Whilst you are working from home, try and complete AS MANY of these as possible. Fill in the boxes in a colour as you do them. Some of the tasks have resources shared on 'Microsoft Teams' this is made clear in the box. Count up your points and save your work into a file or folder to bring into school once we are back. If you are really proud of a particular piece of work you doing, please share a photo or a screen grab to [khstars@kingshurst.tgacademy.org.uk](mailto:khstars@kingshurst.tgacademy.org.uk) GOOD LUCK.

<p><b>"Music is the universal language of mankind."</b> (Henry Wadsworth Longfellow) What do you think this quote means? Do you <b>agree or disagree</b> with this quote? Write down your answer in two sentences.</p> <p><b>10 POINTS</b></p>	<p>Arranging music (creating a remix of an existing song) uses similar skills to composing, as you still need to be creative. <b>Make your own arrangement</b> of a song that you are <b>currently listening to</b>. Use a <b>musical instrument</b> (if you have one) or a <b>free piano app</b> on your phone if possible. <b>Be creative!</b></p> <p><b>30 POINTS</b></p>	<p>Writing music from scratch can be easy for some, but challenging for others. There are many <b>well-known songwriters</b> who have written music for other <b>well-known music artists</b>. Use the internet to find examples of song writers, their famous songs, and who performed them.</p> <p><b>20 POINTS</b></p>	<p><b>YouTube percussion challenge!</b> <b>Play along with the Can Can</b> (<a href="https://www.youtube.com/watch?v=yhsTdfEL1E&amp;t=48s">https://www.youtube.com/watch?v=yhsTdfEL1E&amp;t=48s</a>) and the <b>Alla Turka</b> (<a href="https://www.youtube.com/watch?v=1ebeCOo6XQU&amp;t=7s">https://www.youtube.com/watch?v=1ebeCOo6XQU&amp;t=7s</a>) You will need <b>four different things to hit (safely!)</b>. The videos suggest a <b>box, metal can, cutlery and lid</b>, so see what you can find! Can you challenge yourself by speeding up the playback speed? <b>30 POINTS</b></p>	<p>Which <b>instrument family</b> does the <b>ukulele</b> belong to? In lessons, many pupils have called the ukulele a "mini guitar", but what are the <b>similarities and differences</b> between a ukulele and a guitar? Find <b>as many as you can</b>. <b>20 POINTS</b></p>	<p>Make an <b>informative poster about the ukulele</b>, aimed towards pupils who are unfamiliar with one. Include its <b>physical features</b>, a list of songs that include the ukulele (like <b>"Dog Days Are Over"</b> by Florence and the Machine) and how to play the ukulele correctly (how much you can remember from Autumn term?). <b>20 POINTS</b></p>	<p>Visit The Young Person's Guide To The Orchestra website and explore! <a href="https://listeningadventures.carnegiehall.org/">https://listeningadventures.carnegiehall.org/</a> <b>20 POINTS</b></p>	<p>Scenario: You have been asked to plan a mini music festival at TGAK when schools reopen. The Music department needs suggestions of <b>positive songs</b> that could be performed as part of the event and have asked you to take part in performing one of your song choices. <b>Which songs</b> would you choose and <b>why?</b> Which song <b>would you perform</b> and <b>why?</b> Which <b>instrument(s)</b> would you use? Don't forget, the voice is an instrument. <b>20 POINTS</b></p>
<p>What is an <b>orchestra</b>? Name the <b>four instrument families</b> that belong in an orchestra. <b>10 POINTS</b></p>	<p>How are the instruments in an orchestra <b>categorised into families</b>? Why does the <b>saxophone</b> belong in the same family as the flute, not the trumpet? <b>20 POINTS</b></p>	<p>Which <b>instrument family</b> does the <b>piano</b> belong to? How do you know? Name <b>two</b> other instruments that also belong to this family. If possible, use YouTube to listen to each instrument, and compare what they sound like. <b>20 POINTS</b></p>	<p>Scenario: A record company has asked you to prepare a <b>track listing and artwork</b> of a new album following a <b>theme</b> they have set for you. <b>The theme is "Music That Defines Me"</b> Your playlist must include <b>10 songs</b> that you like and/or you can relate to. Your artwork must be eye-catching. <b>20 POINTS</b></p>	<p><b>Theme parks</b> often use music to enhance (improve) the visitor's experience. Do you think <b>music makes a difference?</b> Do you remember a time at a theme park where you heard music? Can you describe it? <b>20 POINTS</b></p>	<p>Listen to "In The Hall Of The Mountain King" by Grieg. This piece of music has been used in adverts for Alton Towers. Do you think this music is suitable to <b>represent a theme park/rollercoaster?</b> Why/why not? <b>20 POINTS</b></p>	<p>What is a <b>musical</b>? Some musicals are based on <b>real historical events</b>. Use the internet to find some examples of these musicals. <b>20 POINTS</b></p>	<p><b>Les Miserables</b> was inspired by the French Revolution which took place in 1789. Listen to <b>"Empty Chairs and Empty Tables"</b> and read the lyrics. What has just happened before this song in the musical? Describe the <b>emotions</b> that you think the <b>singer may be experiencing</b>. Does the music match how the singer is feeling? How? <b>20 POINTS</b></p>
<p>What is a <b>conductor</b>? What do they do? What is the name of the <b>tool</b> they commonly use? <b>10 POINTS</b></p>	<p>Why does a large orchestra need a <b>conductor</b>, but not a <b>rock band (for example)</b>? <b>20 POINTS</b></p>	<p>It is common for a conductor to also be able to play an instrument. <b>Do some research on a conductor</b> using the internet and make a <b>small informative leaflet or PowerPoint presentation</b> about them and their background. <b>30 POINTS</b></p>	<p>How can music be used to <b>represent a character</b> in a film or tv show? What is a leitmotif? Use the internet to <b>find an example</b> of one. You will already know some famous ones! <b>20 POINTS</b></p>	<p>Listen to <b>"The Elephant"</b> Carnival of the Animals (Saint Saens). Do you think this music <b>represents an elephant?</b> Explain why, by referring to what the music sounds like. <b>20 POINTS</b></p>	<p>Scenario: You have been commissioned to <b>compose a piece of music</b> to represent an <b>animal or superhero</b> of your choice. You can use a musical instrument, or anything else you can find. Be creative! Use this website to help you: <a href="https://www.bbc.co.uk/bitesize/topics/zhdscw/articles/zmnk47h">https://www.bbc.co.uk/bitesize/topics/zhdscw/articles/zmnk47h</a> <b>30 POINTS</b></p>	<p><b>Emotions can be a powerful source of inspiration</b> for song writing. Compose a <b>short song (4-8 lines)</b> expressing how you are feeling about the current Coronavirus situation. <a href="https://www.bbc.co.uk/bitesize/topics/z3dqhyc/articles/zrx3vk7">https://www.bbc.co.uk/bitesize/topics/z3dqhyc/articles/zrx3vk7</a> <b>20 POINTS</b></p>	<p>Two new traditions during the Coronavirus lockdown is to <b>"Clap for our Carers"</b> and for musicians to perform <b>"Somewhere Over the Rainbow"</b> on Thursdays at 8pm on our doorsteps. Which <b>musical</b> did this song originally come from? <b>Why</b> do you think this song was chosen? <b>How is it relevant</b> to the current situation? <b>20 POINTS</b></p>
<p>What is a <b>national anthem</b>? What is the <b>purpose</b> of it? What is the <b>name</b> of the <b>British national anthem</b>? <b>20 POINTS</b></p>	<p><b>What are lyrics?</b> Listen to the national anthems of <b>Britain</b> and the <b>USA</b>, while <b>reading their lyrics</b>. What do the lyrics of each anthem have in common? <b>20 POINTS</b></p>	<p>Scenario: As a pupil of TGAK, you have been asked to help to <b>compose an anthem</b> (lyrics) to represent the school and its Tudor values. If you have a <b>musical instrument</b> (or a <b>free piano app</b> on your phone), try and compose a <b>melody</b> (tune) to go with your lyrics! <b>30 POINTS</b></p>	<p>Do you think music is <b>important in video games?</b> Why/why not? <b>20 POINTS</b></p>	<p>If you play video games, then use Youtube to <b>listen to some music from a familiar game</b>. If not, then search "Video Game Music" in Youtube, and choose a piece of music associated with a game. <b>Describe the music</b>. Do you think it is suitable for the game that it part of? <b>20 POINTS</b></p>	<p>Scenario: A <b>video game (of your choice)</b> is being re-released and the company that created it has asked its fans to compose their own music which will be added to the game. Your task is to <b>compose a short piece of music</b> which will be the <b>theme tune of the game</b>. <b>20 POINTS</b></p>	<p>Draw a <b>diagram</b> of a small section of a <b>piano's keys (from C to C)</b> and label the black and white keys. Use the "C is To Left Of The Two Black Keys" video (<a href="https://www.youtube.com/watch?v=aovVKP02noU">https://www.youtube.com/watch?v=aovVKP02noU</a>) to help you. <b>20 POINTS</b></p>	<p>Scenario: A <b>tv series</b> is being re-released and the company that created it has asked its fans to compose a new theme tune. Your task is to <b>compose a short piece of music</b> which will be the <b>theme tune</b>. <b>This website explains the origins of the Doctor Who theme tune</b>. <a href="https://www.bbc.co.uk/bitesize/topics/zhdscw/articles/zkkrbmdm">https://www.bbc.co.uk/bitesize/topics/zhdscw/articles/zkkrbmdm</a> <b>20 POINTS</b></p>
<p><b>Myleene Klass</b> is a well known and very talented pianist. She has been uploading videos since the schools have closed to teach you about Music. Search <b>"Myleene Music Klass"</b> on YouTube and watch some of her videos. Write a little summary about <b>something that you have learnt</b>. <b>20 POINTS</b></p>	<p>What is <b>tuned and untuned</b> percussion? Make a list of examples from both categories. Choose two <b>tuned</b> percussion instruments from your list. Find <b>pieces of music</b> that uses these instruments. Can you find examples of music from <b>different genres</b>? <b>30 POINTS</b></p>	<p>The <b>theramin</b> is an unusual musical instrument. <b>How</b> do you play it? What does it <b>sound like?</b> What does it <b>look like?</b> <b>Identify two pieces of music</b> that use a theramin. <b>20 POINTS</b></p>	<p><b>Instrument invention challenge!</b> Invent a <b>musical instrument</b>. <b>Draw</b> a picture of it and <b>describe how</b> it is played, how it's <b>constructed</b>, and <b>what it sounds like</b>. Could you make it out of <b>recycled materials</b>? <b>30 POINTS</b></p>	<p>One of the ways that <b>television and radio adverts</b> can be memorable is the music that is used. <b>Think of an advert</b> that uses music, and describe it. Is it catchy? Does it use certain musical instruments? Is it long or short? If you're stuck for ideas, watch the Bold advert (<a href="https://www.youtube.com/watch?v=-SfxAwu1bug">https://www.youtube.com/watch?v=-SfxAwu1bug</a>) which uses new lyrics but the original music from Spandau Ballet's <i>Gold</i>. <b>20 POINTS</b></p>	<p><b>Interview someone</b> who lives in your household about their musical backgrounds and interests. What is their <b>favourite song</b> right now and why? What does <b>music</b> mean to them? Who are their <b>favourite artists?</b> Ask yourself the same questions, and compare your answers. How different are your tastes in music? <b>20 POINTS</b></p>	<p>If the person that you interviewed identified a <b>music artist</b> that you are <b>not familiar with</b>, <b>do some research</b> on them. What are/were their <b>well-known singles/albums?</b> Did they reach <b>number one</b> in the charts? Have they won any <b>music awards?</b> When were they most popular? <b>20 POINTS</b></p>	<p>After carrying out some research on the music artist that the person in your household has told you, it's time to <b>quiz</b> them! <b>Create 10-20 questions</b> (of varying difficulty) about the music artist and see how many they answer correctly. <b>20 POINTS</b></p>



## Food Technology Learning Grid Challenge:

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<p>Using knowledge you have learnt in school, create your own EatWell guide using the blank template on Teams or you could even draw your own!</p> <p><b>10 POINTS</b></p>	<p>Research what the traffic light system is on food packaging. Why is it needed? Is it helpful? Why? Justify your answer.</p> <p><b>20 POINTS</b></p>	<p>Research fat soluble and water soluble vitamins. What are they? Make a list of which foods they can be found in.</p> <p><b>20 POINTS</b></p>	<p>Create your own tutorial on how to create one of your favourite dishes. You could do this through recording yourself whilst making the dish.</p> <p><b>20 POINTS</b></p>	<p>Complete homework task 1 from teams on <b>"sugar rush"</b>.</p> <p><b>20 POINTS</b></p>	<p><b>Kitchen Skills:</b> Can you practise the following skills- you will need some weighing scales and may need to wait until dinner time to complete some of them:  <b>Open a tin using a can opener</b>  <b>Creaming together a cake mix</b>  <b>Boiling pasta</b></p> <p><b>10 POINTS</b></p>	<p>Research the nutritional needs for teenagers- how many calories do they need a day? Does it vary depending on gender? How much protein, fat, salt and sugar can they have?                  Why do teenagers need a good source of iron?</p> <p><b>20 POINTS</b></p>	<p>Research why it is important for teenagers to exercise and also why they should get a good nights sleep. Explain the benefits of both exercise and sleep and suggest ways that an average 14 year old could incorporate at least 30 minutes of exercise into every day.</p> <p><b>20 POINTS</b></p>
<p><b>Kitchen Skills:</b> Can you practise the following skills- you will need some weighing scales and may need to wait until dinner time to complete some of them:  <b>Dice a carrot</b>  <b>Prepare an onion</b>  <b>Weigh 100g of sugar</b></p> <p><b>10 POINTS</b></p>	<p>Complete homework task 2 from teams on <b>"food hygiene and safety"</b></p> <p><b>20 POINTS</b></p>	<p>Research the negative effects that <b>alcohol, cigarettes, drugs and obesity</b> can have on the health of an average teenager. What effects do they have on the body?                  Are there any long term issues that may arise?</p> <p><b>20 POINTS</b></p>	<p>Complete homework task 3 from teams on <b>"factors effecting what we eat"</b></p> <p><b>20 POINTS</b></p>	<p>Research and plan a 7 day healthy menu for a 14 year old teenager. Include Breakfast, lunches and evening meals.                  Healthy snacks                  Drinks                  Portion sizes</p> <p><b>20 POINTS</b></p>	<p>What does fair trade mean? When was it introduced? What does it mean for farmers?</p> <p><b>10 POINTS</b></p>	<p>Research what a dietary requirement is. Can you identify different ones?</p> <p><b>20 POINTS</b></p>	<p>Research <b>Macro and Micro</b> nutrients- what is different about them? Can you identify the nutrients that fall into both of the categories?</p> <p><b>20 POINTS</b></p>
<p>Complete homework task 4 from teams on <b>"vegetarians"</b>.</p> <p><b>10 POINTS</b></p>	<p>Research in depth <b>coeliac disease</b>. Write in your own words what you have found</p> <p><b>20 POINTS</b></p>	<p>Complete the "dress the Chef" task from teams.</p> <p><b>20 POINTS</b></p>	<p>Complete the <b>"nutrition and Eatwell Guide"</b> task from teams.</p> <p><b>20 POINTS</b></p>	<p>Complete the "Food Labelling and Product analysis" task on teams.</p> <p><b>20 POINTS</b></p>	<p>Complete homework task 5 from teams on <b>"Environmental issues"</b></p> <p><b>10 POINTS</b></p>	<p>There are <b>THREE</b> main cooking methods- <b>using water, using fat and using dry heat</b>. Research all three and identify which methods of cooking are used for each. For example, a method of cooking using water is boiling.</p> <p><b>20 POINTS</b></p>	<p>Ask a member of your family to keep a record of what they eat in a day. Analyse the results against the Eatwell guide and write a short persuasive letter on how they could improve their diet. Include at least three suggestions and explain them in full.</p> <p><b>20 POINTS</b></p>
<p>Complete homework task 6 from teams on <b>"Cake in a mug"</b></p> <p><b>10 POINTS</b></p>	<p>Explain why it is good practise to make list of ingredients you need before you go shopping? What things may this help you to reduce?</p> <p><b>20 POINTS</b></p>	<p>Complete homework task 7 from teams on <b>"you are what you eat"</b>.</p> <p><b>20 POINTS</b></p>	<p>Produce a guide on how to use 20 pieces of equipment that can be found in the kitchen. Use pictures</p> <p><b>20 POINTS</b></p>	<p>Research what CHD is. Can you name foods that someone suffering from CHD can eat?  <b>HINT: CHD is linked to the heart</b></p> <p><b>20 POINTS</b></p>	<p>What does the term "kosher mean" research the word and explain in your own words which foods can be consumed and which religion this applies to.</p> <p><b>10 POINTS</b></p>	<p>Create and draw your own crossword puzzle. You will need to think about the clues you will use.</p> <p><b>20 POINTS</b></p>	<p>Research the different jobs within the food/hospitality industry. Pick a job you like the sound of and write down how you would work your way towards that position.</p> <p><b>20 POINTS</b></p>



# Ethical Studies Learning Grid Challenge:

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<p>Read the information on the information sheet under the title <b>What happens when we die?</b></p> <p>For each of the different religions, draw a picture and write an explanation of what they believe happens when you die.</p> <p><b>10 POINTS</b></p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/z4tb4wx/articles/zk4fxyc">https://www.bbc.co.uk/bitesize/topics/z4tb4wx/articles/zk4fxyc</a></p> <p>Follow this link and use the information to create a poster about Christianity</p> <p><b>20 POINTS</b></p>	<p>Read the information on the information sheet under the title <b>Is religion a power for peace or does it cause conflict?</b></p> <p>Read the information and then answer the questions at the end. Do you think religion is a power for peace or would the world be more</p> <p><b>20 POINTS</b></p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zfwhfg8/articles/znhicqt">https://www.bbc.co.uk/bitesize/topics/zfwhfg8/articles/znhicqt</a></p> <p>Follow this link and watch the video. Write down five facts about Islam and draw a picture to represent each one</p> <p><b>20 POINTS</b></p>	<p>Choose a religion you have learnt about/ know about already and design a new religious building for that religion. Either draw and label the building or write a description of what it would be like.</p> <p><b>20 POINTS</b></p>	<p>Draw a large cross on a piece of paper. Decorate the cross with symbols that you think represent the religion.</p> <p><i>Stretch it: Choose a symbol for a different religion and do the same for that religion</i></p> <p><b>10 POINTS</b></p>	<p>Look at the mandala on the information sheet (or look them up online) and have a go at drawing your own, then colour it in. The more decorated, the better.</p> <p><b>20 POINTS</b></p>	<p>Choose any religion – this doesn't have to be one that you have studied. Create a fact file which includes (as a minimum) the name of the religion and five of their main beliefs</p> <p><b>20 POINTS</b></p>
<p>'The world would be better if there was a uniform religion and language' How far do you agree?</p> <p><b>50 POINTS</b></p>	<p>Create and write down a conversation between two people who follow different religions about a big issue (eg: euthanasia, corona virus, life after death etc)</p> <p><b>20 POINTS</b></p>	<p>What do you think happens when we die? Either Write a paragraph or draw and label a picture which explains your ideas</p> <p><b>20 POINTS</b></p>	<p>Write your own ten commandments – rules that you think everyone in the world should have to follow in order to be a good person</p> <p><b>20 POINTS</b></p>	<p>Buddhists believe that suffering is a part of life that cannot be escaped. Do you agree? Write a paragraph explaining your views.</p> <p><b>20 POINTS</b></p>	<p>Research a religion which you have never learnt about before. Create a poster with five facts about that religion which you think everyone should know</p> <p><b>10 POINTS</b></p>	<p>Choose a religion you have studied or one that you know about. Design a front cover for a book about that religion which you think shows the basic facts about the religion</p> <p><b>20 POINTS</b></p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zds4d2p/articles/z44fxyc">https://www.bbc.co.uk/bitesize/topics/zds4d2p/articles/z44fxyc</a></p> <p>Follow this link and create a leaflet about Christian festivals</p> <p><b>20 POINTS</b></p>
<p>Create an Easter card which is based on Christian beliefs about Easter and not chocolate eggs and bunnies</p> <p><b>10 POINTS</b></p>	<p>Should religious buildings be sold to help the poor or turned into homeless shelters? Draw a table showing the reasons why they should and the reasons why they shouldn't and then write a paragraph explaining your opinion</p> <p><b>20 POINTS</b></p>	<p>Design your own religion – give your religion a name and write down the ten rules that everyone in your religion must follow</p> <p><b>20 POINTS</b></p>	<p>Choose one of the religions that you have studied/ that you know about. Create a new symbol for this religion and write a paragraph explaining why you have chosen that symbol</p> <p><b>20 POINTS</b></p>	<p>Research Catholic and Protestant Churches. Draw a picture of each one and label the similarities and differences between them</p> <p><b>20 POINTS</b></p>	<p>Are the lockdown measures fair to everyone? Write a paragraph explaining your viewpoint on this.</p> <p><b>10 POINTS</b></p>	<p>Design your own religious festival – explain what it is to celebrate and what would happen during the festivities</p> <p><b>20 POINTS</b></p>	<p>Create a list of similarities and differences between Judaism, Islam and Christianity</p> <p><b>20 POINTS</b></p>
<p>If you know somebody living in a care home, write a letter to them telling them about your experiences during the lockdown</p> <p><b>10 POINTS</b></p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zkdk382/articles/zns2kmn">https://www.bbc.co.uk/bitesize/topics/zkdk382/articles/zns2kmn</a></p> <p>Follow the link and watch the video. Create a poster which shows religious attitudes towards animals</p> <p><b>20 POINTS</b></p>	<p>Find out about a pilgrimage that people from one religion go on (eg Hajj for Muslims) Write a report explaining where they go, why and what happens during the pilgrimage</p> <p><b>20 POINTS</b></p>	<p>'Humanity wouldn't have developed to the same extent if it was not for religion' How far do you agree?</p> <p><b>50 POINTS</b></p>	<p>Write a statement to be released by a religious figure (eg the Pope) to support and calm people during the Carona Virus outbreak</p> <p><b>20 POINTS</b></p>	<p>Create a rainbow and put it in your window to show support for key workers in your area.</p> <p><b>10 POINTS</b></p>	<p>Choose one of the following. Find out the opposing views about the topic and then write down your own opinion:</p> <ul style="list-style-type: none"> <li>• Abortion</li> <li>• Euthanasia</li> <li>• Animal testing</li> </ul> <p><b>20 POINTS</b></p>	<p>Write a letter to yourself to be opened in ten years time. Tell your future self all about your life at the moment and everything that's going on. Put it in an envelope and put it somewhere safe so that you don't lose it over the next ten years!</p> <p><b>20 POINTS</b></p>



## Kindness and Wellbeing Learning Grid Challenge:

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Draw yourself in anime style.  10 POINTS	Iron a shirt.  20 POINTS	Sew a button or fix a hole in an item of clothing.  20 POINTS	Call a grandparent or loved one.  20 POINTS	Write a thank you letter to a key worker.  20 POINTS	Plant some seeds.  10 POINTS	Play Twister (or similar).  20 POINTS	Make an omelette.  20 POINTS	Learn how to use tools (YouTube or with a parent/carer).  10 POINTS	Draw a parent or carer's face in the style of Picasso.  20 POINTS
Design a new electric car.  10 POINTS	Learn a new language (YouTube).  20 POINTS	Use a camera to take lots of wonderful photos.  20 POINTS	Tidy your sock drawer.  20 POINTS	Make an exercise video.  20 POINTS	Create an Easter Egg/Treasure Hunt.  10 POINTS	Play cards.  20 POINTS	Make a pizza.  20 POINTS	Star gaze on a clear night.  10 POINTS	Design a computer game logo.  20 POINTS
Design a new skyscraper.  10 POINTS	Write a play.  20 POINTS	Paint stones for the balcony/garden/do or step.  20 POINTS	Make a boat.  20 POINTS	Build a bridge (or design one).  20 POINTS	Wrap a present for someone.  10 POINTS	Plan a PE lesson.  20 POINTS	Peel potatoes or carrots.  20 POINTS	Make a family member a cup of tea or coffee.  10 POINTS	Write a poem.  20 POINTS
Bake a cake.  10 POINTS	Build a fort.  20 POINTS	Pay a parent/carer a compliment.  20 POINTS	Watch a classical concert online.  20 POINTS	Design a board game.  20 POINTS	Create a work space.  10 POINTS	Do the Beatbox Challenge.  20 POINTS	Check the tyre pressures on the car (with a family member).  20 POINTS	Design a game character.  10 POINTS	FaceTime a friend or family member.  20 POINTS
Design a piece of clothing.  10 POINTS	Create a new sport.  20 POINTS	Hoover your bedroom.  20 POINTS	Create a reading den.  20 POINTS	Play a board game.  20 POINTS	Learn a dance.  10 POINTS	Tidy your room.  20 POINTS	Create a powerful speech about how we can reduce plastic waste.  20 POINTS	Write a letter to an elderly family member.  10 POINTS	Learn basic first aid (YouTube).  20 POINTS



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Make a music video. 10 POINTS	Design a new trainer. 20 POINTS	Pay a sibling/cousin/friend a compliment. 10 POINTS	Make an obstacle course. 20 POINTS	Complete a puzzle. 20 POINTS	Learn about a Shakespeare play. 10 POINTS	Learn Sign Language (YouTube). 20 POINTS	Make a family tree. 20 POINTS	Make a flower press. 10 POINTS	Fold clothes. 20 POINTS
Make biscuits. 10 POINTS	Design a music festival poster. 20 POINTS	Make homemade pasta. 20 POINTS	Watch a film that you think you would hate. 20 POINTS	Listen to one of your parent's/ grandparent's/ sibling's favourite albums from start to finish. 20 POINTS	Devise your own crossword. 10 POINTS	Play charades. 20 POINTS	Make a stop motion animation. 20 POINTS	Do some gardening or weed the driveway (this could be for a family member). 10 POINTS	Clean the windows. 20 POINTS
Go for a walk (but keep your distance). 10 POINTS	Have a whole day without your phone (lock it away or ask a parent to take it to work). 20 POINTS	Survive one day without the internet. 20 POINTS	Clean the oven. 20 POINTS	Learn how to do your own washing. 20 POINTS	Clean the bathroom. 10 POINTS	Change the bed linen. 20 POINTS	Read a book to a sibling/parent. 20 POINTS	Learn how to draw in 1-point perspective (YouTube). 10 POINTS	Run a mile. 20 POINTS
Make your bed everyday. 10 POINTS	Design a new, futuristic mode of transport. 20 POINTS	Write a vegan menu. 20 POINTS	Learn your times tables 1-12 and answer each question within three seconds. 20 POINTS	Make homemade chips. 20 POINTS	Design a flying car of the future, imagining you are living in the year 2300. 10 POINTS	Draw a portrait, using your non-writing hand. 20 POINTS	Create your own juice brand. 20 POINTS	Make a picture out of things you have foraged for... e.g. leaves/sticks/twigs / sand. 10 POINTS	Try to do 5,000 steps a day. 20 POINTS
Draw your favourite animal with your eyes closed. 10 POINTS	Design a drone. 20 POINTS	Kick up challenge - how many times can you keep/kick a ball (or toilet roll!) up? 20 POINTS	Write a menu for a coeliac (someone who cannot have gluten/wheat). 20 POINTS	Learn 122 times tables up to 12 x 122. 20 POINTS	Make homemade jam. 10 POINTS	Design a mask for a Venetian festival. 20 POINTS	Design a charity fundraiser festival for your school. 20 POINTS	Pick up litter in the local area/park. 10 POINTS	Keep a diary for future historians to read about self-isolation and how you are feeling. 20 POINTS