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### Prepare for Success!

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- Plan your time,
- Re-read, Re-draft, Recite, Re-test, Research, Rehearse & Record
- Essential Facts, Figures → Formula, Essay Model Answers
- Practice Questions
- Answers → Mark Scheme
- Review & Reflect on your progress
- Enjoy your future success

## PREP Newsletter Year 9 Spring Term 1





# Shenfield High School

### What is 'PREP'?

'PREP' is a model for learning. We know that success comes from hard work and that does not stop at 3pm on a school day. We want students to build good habits in order to be successful in their education and this model is the key to that success.

### 'PREP' is short for PREPARE:

- Plan your time,
- Re-read, Re-draft, Recite, Re-test, Research, Rehearse & Record
- Essential Facts, Figures & Formula, Essay Model Answers
- Practice Questions
- Answers & Mark Scheme
- Review & Reflect on your progress
- Enjoy your future success

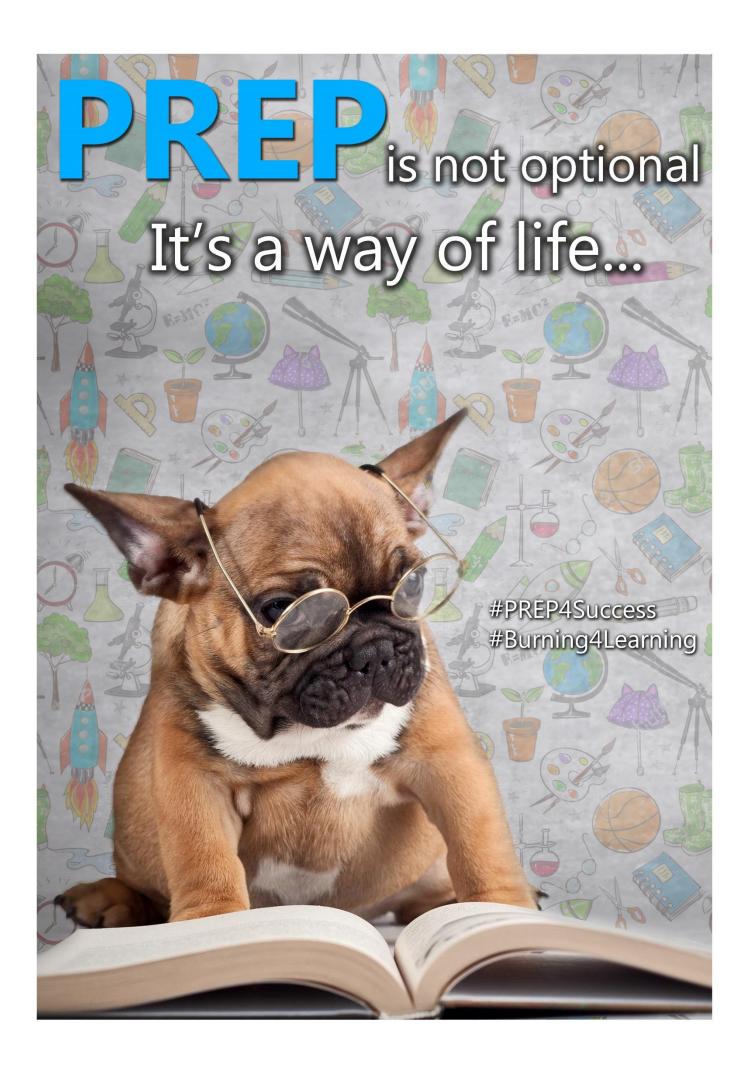
### Types of PREP

- **Edulink PREP** This is curriculum aligned work that has a deadline. This is work set by the class teacher that will need to be handed-in or completed for a certain lesson. This will be recorded on Edulink, but should also be handwritten in student planners.
- Wider PREP This is on the PREP newsletter each half term and is there to broaden understanding, deepen knowledge and improve the hinterland. We want students to explore their subjects in greater detail and be inspired. The wider PREP is linked to 'C Points' which will be awarded for completion. Students can only be 'Exceeding' for Attitude to Learning if they complete Wider PREP on a regular basis.
- **Super-Curricular** Supported through the PREP Newsletter and House competitions. This is a way to direct parents to additional learning opportunities such as historical sites, museums, galleries, theatre, media, tv etc that can help to cement a fuller understanding of the curriculum. There are many ways to learn and these provide one of the most active ways to improve learning.

### Attitude to Learning Score includes PREP

### Attitude to Learning Overview

	Behaviour	Effort	PREP
Exceeding Expectations	Highly motivated, engaged and mature approach to classroom learning.	Consistently working to the best of their ability, striving to learn more and improve.	Regularly completes Wider PREP from the PREP Newsletter.
Meeting Expectations	Hardworking and committed approach to classroom learning.	Work hard to complete all tasks within the lesson.	Has completed Edulink PREP, by the deadline set, to a good standard.
Occasionally Below Expectations	Sometimes distracted and does not meet the expectations of the classroom.	Work is sometimes incomplete or not given the care and attention required.	Has missed the Edulink PREP deadline and/or the PREP lacks care and attention.
Consistently Below Expectations	Poorly motivated and often distracting others. Does not meet classroom expectations consistently.	Work is often incomplete or not given the care and attention that is required.	Has consistently missed Edulink PREP deadlines and/or the PREP consistently lacks care and attention.



		V	Vider PREP	Super-Curricular
	Survival	Challenge Task	Complete some research based on some famous poets of your choice. (For example, Duffy, Armitage, Clarke). Write a mini autobiography about their lives and consider what inspired them to write poetry.	<ul> <li>Activities</li> <li>Watch some examples of 'performance poetry' on YouTube.</li> <li>Read a poem and turn it into a story.</li> <li>Write your own poem</li> </ul>
English	Struggle for	Collaboration Task	Write your own poem based on a relationship that you consider to be (or have been) special to you.	based on something that interests you.
	The	Contribution Task	Write a story based on a time when someone demonstrated kindness towards you. This can be a real or imagined experience. Please use language or structure for effect in your work.	

				Wider PREP	Super-Curricular Activities		
Mathematics		proportion	SAR	Mrs Taneja's Excellence Challenge: <u>Head Turner</u>	Visit the Wonderlab at the Science Museum in London.		
	S		ortion	ortion	ortion		<ul> <li>Make this equation correct just by moving the digits about: 26 = 74</li> <li>Powers, roots and even turning numbers upside down, is allowed!</li> </ul>
	Mathematic	Quadratics and prop	<ul> <li>Miss Albery's Excellence Challenge:</li> <li>Mathematical photo wall</li> <li>Bring in a photo/picture with an explanation of what maths can be seen.</li> <li>Really great examples might make it to Miss Albery's 'Mathematical Photo Wall'</li> </ul>		Get Baking!  Find a recipe for 6 people, and use it to cook or bake for 12, 18 or 21! All cakes greatly appreciated by the Maths department!		
		Qua	Contribution Task	Mrs Jahromi's Excellence Challenge:	What Number Comes Next? — Numberphile  https://www.youtube.com/watch?v=OeGSQggDkxl		

			Wider PREP	Super-Curricular Activities
	tromagnets		Watch ONE set of these 3 videos Chemistry https://www.youtube.com/watch?v=XXncE3cZ4H8 https://www.youtube.com/watch?v=3I7yCkSXPos&list=PL9IouNCPbCxVDcgWiviYYWj0xKMPXTd8s&index=4 https://www.youtube.com/watch?v=CjmriZq5xRo	Take a virtual Tour!  VIRTUAL TOUR OF THE SCIENC MUSEUM  https://www.sciencemuseum.org.uk/virtual-tour-science-museum
Science	theritance and Variation-Electromagnets		Biology https://www.youtube.com/watch?v=LgLkt02Hl9s&list=PLKw0ZzfWn1yvc FuLQ qk1115cU4Y2OTxe&index=1 https://www.youtube.com/watch?v=Fh9b6a-3DLQ https://www.youtube.com/watch?v=i9zj9V8OWRk  Physics https://www.youtube.com/watch?v=dMbWkodL12I https://www.youtube.com/watch?v=79 SF5AZtzo https://www.youtube.com/watch?v=mnigg3MGslY  You are then going to review these videos and the way the information is	Bluedot Science Festival July 20-23 2023  Visit Mars!  https://accessmars.withgoogle.co m/
Organic chomic+w. Jah.	Organic chemistry-Inheritance	Collaboration Task	delivered. Did the video keep your interest? If so how? if not, why not? What was the most interesting part of the video? Overall which video do you consider to be the best? And why?  Make your own SHORT (no more than 2mins) video of the same topic considering what you liked and didn't like about how the information was presented in the 3 example videos. You can show this to your teacher and discuss any challenges or difficulties you found.	Live Stream or go to an in person event!  Ri The Royal Institution Science Lives Here  https://www.rigb.org/whats-on?type=6,7,26,25  Fancy a night in front of the box?



### The 23 Equation Challenge.

There are 23 equations that you need to commit to memory in time for your GCSE exams in year 11

Dr Pope has created a series of flash cards that you can use to help you revise these. They were also given to you in your PREP4Sept packs at the end of year 9.

Book a time to take the "Equations Challenge" with Dr Pope. He will test you on the equations. If you get 20 or more you pass the challenge.

### **Netflix Documentaries**

- Our Planet
- 72 Dangerous Animals
- Unnatural Selection
- Explained

## **SCIENCE PREP Drop-In Timetable**

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Before School</b>					
Break time					
Lunchtime	Science KS3 & KS4 (Science Office)  Triple Science KS4 (Mr Hall)	Science KS3 (Science Office)	Science KS3 & KS4 (Science Office)	Science KS3 & KS4 (Science Office)	Science KS3 & KS4 (Science Office)
After School	Chemistry (Mr Richards & Mrs Helim)	Biology (Mr Fletcher S12 & Mrs Masters)			<b>Physics</b> (Dr Pope)

		ı	Wider PREP	Super-Curricular Activities
		Challenge Task	Research Relief pictures or Mixed Media Art. Find 4 Artists who use the technique and create a visual fact file about them. Include an example of their work and information about who they are, when they lived, where they lived etc. Complete on A3 or A4 paper. (H1)	<ul> <li>Visit the Tate Modern to explore their collection of Mixed media Art         Tate Modern, Bankside, London, SE1 9TG</li> <li>Read this Guide from the Tate about mixed media art <a href="https://www.tate.org.uk/art/art-terms/m/mixed-media">https://www.tate.org.uk/art/art-terms/m/mixed-media</a></li> </ul>
ART	Mixed Media	Collaboration Task	Create a Mixed Media or Relief Picture of a landscape. Ask friends or family where their favourite outdoor space is, then take your own photos of the landscape to work from. Complete on A3 or A4. (H1)	<ul> <li>Watch this video about mixed media artist Njideka Akunyili Crosby.         https://www.youtube.com/watch?v=UeYP8ssD_BM     </li> <li>Take a look at the work of David Wightman- mixed media landscape artist <a href="http://www.davidwightman.net/landscape.html">http://www.davidwightman.net/landscape.html</a></li> </ul>
	2	Contribution Task	Research an Abstract Artist who used nature or landscape as inspiration for their work. Choose one of their artworks to look at in detail. Complete an analysis of the work- think about the themes and ideas in the piece, the colour, texture and composition, the mood of the work and your reaction to it. Include the Title and Artists name and the Image on the research page. Complete in A3 or A4. (H1)	

		W	ider PREP	Super-Curricular Activities
ence	Python		<ul> <li>Go on to YouTube and research how to create a quiz in Python. Give it a go at home. (You can use Python at home using replit.com)</li> </ul>	<ul> <li>Visit Bletchley Park -         <ul> <li>https://bletchleypark.org.uk/</li> </ul> </li> <li>Visit the Centre for Computing History         <ul> <li>http://www.computinghistory.org.uk/</li> </ul> </li> <li>There is a plethora of Computer</li> </ul>
Computer Scie	Programming in P	Collaboration Task	<ul> <li>Go on to YouTube and research how to create rock, paper scissors in Python. Give it a go at home. (You can use Python at home using replit.com)</li> </ul>	Science based films and documentaries across the common streaming services.  Suggestions include: The Imitation Game, The Social Dilemma, The Social Network and The Great Hack (age restrictions apply. Consult parents or
Com	Pro	Contribution Task	Go on to YouTube and research how to create a programme in Python that asks someone their weight in KG, and converts it to stone and pounds. Give it a go at home. (You can use Python at home using replit.com)	carers before watching)

			Wider PREP	Super-Curricular Activities
DRAMA		KS4 Credit Task	<ul> <li>[R4A] [HI] [PQ] In preparation for your upcoming Unit 2 coursework you can complete "mocks" at home in the following:</li> <li>Section 1 (ideas and research) – 20 marks</li> <li>Section 2 (development of performance) – 20 marks</li> <li>Ask your teacher for templates/ heading and once complete you can hand in.</li> </ul>	Watch as much Live Theatre/ streamed live theatre as you can. Below are two streaming services you can access.  Digital Theatre Details: <a href="https://edu.digitaltheatreplus.com/">https://edu.digitaltheatreplus.com/</a>
	Component 2 : Devising	KS4 Credit Task	<ul> <li>[R4A] [HI] Researching/ Watching the work of Professionals         Log onto Digital Theatre/ Drama Online Library (links opposite).         Choose 3 professional productions to watch. I have listed a few suggestions below.         You may choose your own productions. Some do contain strong language and adult themes, but are all educational and KS4 appropriate.         <ul> <li>Drama Online Library- War Horse</li> </ul> </li> <li>Once you have watched one production, answer the following questions in your book:         <ul> <li>The name of the production and the Theatre Company</li> <li>The basic plot (a couple of sentences)</li> <li>Describe a key moment which had an impact on you. Why did it have an impact on you?</li> <li>Explain how you can ADAPT what you saw in that key moment for YOUR current performance</li> <li>Explain the impact you want to have on the audience.</li> </ul> </li> </ul>	Login: student.Shenfield password: plenty@5268  Drama online Library Details: https://www.dramaonlinelibrary.com/ Username: 97QG8Dg)y+ Password: 2He(6Ed%rV
		KS4 Credit Task	<ul> <li>[R4A] [HI] Create a "Theatre Practitioner" fact file – to be used in your coursework</li> <li>Use the following website to help you research 3 different Practitioners and their work within the Theatre. You will need to write up the research into your own words. <a href="https://www.bbc.co.uk/bitesize/guides/znn4vk7/revision/1">https://www.bbc.co.uk/bitesize/guides/znn4vk7/revision/1</a> <ul> <li>Basic information.</li> <li>Their ideas/theories on Theatre (what were their "methods" or beliefs on how Theatre should be performed? They may have a unique acting "system" or a set of "techniques" that is unique to their style of Theatre)</li> <li>Any other interesting information</li> </ul> </li> </ul>	

		V	Vider PREP	Super-Curricular Activities
Geography	DME	Challenge Task	Research a key issue facing the supply of energy in the UK.  This could include the challenges of developing better use of sustainable energy, fracking, windfarms, or any other energy related topic.	Visit the science museum and natural history museums. They have lots of information about how we use our planets resources. They are free to enter. <a href="https://www.visitlondon.com/things-to-do/place/427179-natural-history-museum">https://www.visitlondon.com/things-to-do/place/427179-natural-history-museum</a> • Explore the Ted-Ed educational videos on
	nergy Resources + [	Collaboration Task	With your family, or guardians, make a list of ways that your household could increase your energy efficiency and help not only reduce your energy bills, but also reduce the impact on our environment.  Use this webpage/document to help.  Energy Efficiency Guide   Ofgem	YouTube, focus on those around water and fuel. <a href="https://www.youtube.com/watch?v=RnvCbquYeIM">https://www.youtube.com/watch?v=RnvCbquYeIM</a> OAK academy present a range of 9 lessons on energy topics ranging from distribution of energy to fracking. <a href="https://classroom.thenational.academy/units/energy-1d3b">https://classroom.thenational.academy/units/energy-1d3b</a>
	Ene	Contribution Task	Produce a poster to help advise other people about why we should be trying to be more energy efficient and use more renewable sources of energy. Some of the better posters may be used for classroom displays.	

		V	Vider PREP		Super-Curricular Activities
History		Challenge Task	[HI] [RT] Research a song called 'Pride' by U2-what is it about? Do you think it is valuable to a historian studying Civil Rights? Why?	•	What about a virtual tour of key civil rights locations? <a href="https://www.purewow.com/travel/u-s-civil-rights-trail-virtual-tours">https://www.purewow.com/travel/u-s-civil-rights-trail-virtual-tours</a> The Help' has been made into a film starring Emma Stone: <a href="https://www.amazon.co.uk/Help-DVD-Emma-">https://www.amazon.co.uk/Help-DVD-Emma-</a>
	Civil Rights	Collaboration Task	[ER] Listen to MLK's speech. What was King's dream <a href="https://www.youtube.com/watch?v=3vDWWy">https://www.youtube.com/watch?v=3vDWWy</a> 4CMhE In a pair or small group write your own version of MLK's speech relevant to today. What is your vision for equality for all? How could it be achieved?	•	Stone/dp/B006FVHRYK/ref=sr 1 3?ie=UTF8&qid=154 3250733&sr=8-3&keywords=the+help  'Roots' is always a very interesting and compelling account of slavery. https://www.amazon.co.uk/Roots-Original-30th-Anniversary-4- Disc/dp/B000V4IO5S/ref=sr 1 2?s=dvd&ie=UTF8&qid =1543250778&sr=1-2&keywords=roots+1977
		Contribution Task	[RT] Who was Rosa Parkes? What did she do? What impact did she have on the Civil Rights movement? Design a poster, banner or information leaflet to contribute to the House system, that could be displayed on the House noticeboard.	•	Selma is a film that looks at the later years of King's life. <a href="https://www.amazon.co.uk/Selma-DVD-David-Oyelowo/dp/B00SYIQ3KG/ref=sr 1 1?s=dvd&amp;ie=UTF8-243250843&amp;sr=1-1&amp;keywords=selma">https://www.amazon.co.uk/Selma-DVD-David-Oyelowo/dp/B00SYIQ3KG/ref=sr 1 1?s=dvd&amp;ie=UTF8-243250843&amp;sr=1-1&amp;keywords=selma</a>

			Wider PREP	Super-Curricular
French	ile 2 – J'adore les fêtes	Challenge Tosk	Tune in your eyes and ears  Practice your listening and reading skills! Try watching your favourite television shows on Netflix (or similar) with the French subtitles. Alternatively, you could change the audio setting to French and have English subtitles!  You could even try this with your games console e.g. PlayStation or Xbox, but remember how to change it back to English when you need to!  You could always come along to MFL Film Club on Wednesday lunchtimes in H14 and talk about what you've watched or played!  Simply email your French teacher with a photo showing off your viewing or gaming activity in French.	• Visit a local French restaurant in your area — what do you recognise on the menu? Ask if you can take one home!  MFL Film Club  • Come and join us to watch popular films and TV shows in French - every Wednesday lunchtime in H14!  MFL PREP Club  • If you need any help with
	Module	Collaboration Task	Find an article on the internet about anything that you are particularly interested in (e.g. sport, music, film, television) and make a list of new words and their meanings in English from what you find in the article. You can use Collins online French dictionary to help you with the definitions.  Be proud and bring you work to lessons for your teacher to review!	anything related to PREP or anything you'd like to go over from lesson time, come along to MFL PREP Club – every Wednesday lunchtime in H12.



### Are you a roving reporter...?

Using your own research create a fact-file of a famous city in France or any other French-speaking country and include the following information;

- The population (how many people live there)
- Where it is on a map of France (include the map)
- Three interesting landmarks/places to see
- Three interesting facts about the city
- Pictures to make your work more interesting
- Why is this city so renowned?
- Anything else you want to include!

We'd love to put your creation on display in the MFL Department, so get creative and make it interesting, colourful and informative!

			Wider PREP	Super-Curricular
Spanish	2 - Las fiestas	Challenge Task	Tune in your eyes and ears  Practice your listening and reading skills! Try watching your favourite television shows on Netflix (or similar) with the Spanish subtitles. Alternatively, you could change the audio setting to Spanish and have English subtitles!  You could even try this with your games console e.g. PlayStation or Xbox, but remember how to change it back to English when you need to!  You could always come along to MFL Film Club on Wednesday lunchtimes in H14 and talk about what you've watched or played!	<ul> <li>Activities</li> <li>Visit a local Spanish restaurant in your area – what do you recognise on the menu? Ask if you can take one home!</li> <li>MFL Film Club</li> <li>Come and join us to watch popular films and TV shows in Spanish - every Wednesday lunchtime in H14!</li> <li>MFL PREP Club</li> </ul>
Spa	Module 2 -	Collaboration Task	Simply email your Spanish teacher with a photo showing off your viewing or gaming activity in Spanish.  Be a 'word-nerd'  Find an article on the internet about anything that you are particularly interested in (e.g. sport, music, film, television) and make a list of new words and their meanings in English from what you find in the article. You can use Collins online Spanish dictionary to help you with the definitions.  Be proud and bring you work to lessons for your teacher to review!	If you need any help with anything related to PREP or anything you'd like to go over from lesson time, come along to MFL PREP Club – every Wednesday lunchtime in H12.



### Are you a roving reporter...?

Using your own research create a fact-file of a famous city in Spain or (any other Spanish-speaking country and include the following information;

- The population (how many people live there)
- Where it is on a map of Spain (include the map)
- Three interesting landmarks/places to see
- Three interesting facts about the city
- Pictures to make your work more interesting
- Why is this city so renowned?
- Anything else you want to include!

We'd love to put your creation on display in the MFL Department, so get creative and make it interesting, colourful and informative!

		Wider PREP			Super-Curricular Activities	
			[HI] Compare the life and music of two Romantic composers.	•	https://www.youtube.com/watch?v=yu4SpYE16vY Introduction to the Romantic period.	
			You may wish to compare Sibelius, Chopin and Franz Liszt.	•	Watch the London Symphony Orchestra perform Sibelius in concert - <a href="https://lso.co.uk/whats-">https://lso.co.uk/whats-</a>	
		43	Sibelius - <a href="https://www.youtube.com/watch?v=bfhbnwxQcXU">https://www.youtube.com/watch?v=bfhbnwxQcXU</a>		on/icalrepeat.detail/2022/12/01/2322/-/sir-simon-rattle-landscapes-in-sound.html	
		Challenge Task	Chopin – <a href="https://www.youtube.com/watch?v=QNVxf4VRUWY">https://www.youtube.com/watch?v=QNVxf4VRUWY</a>	•	Research into 'Pictures at an Exhibition' by Russian composer, Modest Petrovich Mussorgsky.	
<u>:</u>	Romanticism	10011	Liszt – <a href="https://www.youtube.com/watch?v=gRVvoFfif8E">https://www.youtube.com/watch?v=gRVvoFfif8E</a>		Using his idea of creating music for a picture, choose your favourite picture and try to compose a piece of music in a Romantic style for that picture.	
Music			Which composer do you prefer and why? [HI] Using the skills and knowledge that you have		The pictures and music from 'Pictures at an	
Σ			learnt in class, write your own piece of music in a 'Romantic' style using musical notation.		Exhibition' can be found here: <a href="https://www.youtube.com/watch?v=4eGJN">https://www.youtube.com/watch?v=4eGJN</a> eNXS4	
		846	This piece should be different to the one that you have			
		Collaboration	written in class. You may wish to use <i>Sibelius</i> in X8 on Thursday lunchtimes to complete your additional			
		Task	composition.			
		*	[HI] Make a list of the key events that occurred during the Romantic Period – 1820 to 1910. Create a timeline of these events. This will be shared with the class to raise the awareness of the importance of Romantic music.	-		
		Contribution	You may wish to use the following video to help you			
		Task	https://www.youtube.com/watch?v=ya8L-C6QQdY			

			Wider PREP	Super-Curricular Activities	
PE	Half term three	Challenge Task  Collaboration Task	Create a home workout video, explain how to correctly perform each workout as well as explaining the different muscle groups you are working! Video record this video and show your teacher – additional 'C' points if you can get friends of family involved too!  TALK SPORT! – Have a discussion!  You and a partner have been selected for a LIVE radio interview of talk sport, you need to decide which sport you are going to talk about and then: Discuss the players within different teams Discuss who teams are most successful and why Each person should present their side of the discussion and ask questions to their partner. e.g. The starting team for England, were these players the correct team to take, did anyone not go to the world cup who should have?  You then need to record your discussion and show your PE teacher!	<ul> <li>Watch some sporting events live (if possible) or watch on the television:         January &amp; February: 2023 in sports -         Sport Calendar of the major events of the year 2023 (the-sports.org)</li> <li>Register for the Vitality 5km parkrun:         register   parkrun UK</li> <li>Mindfulness activities:         <ul> <li>https://www.youtube.com/watch?v=pcrA7QV Jxg</li> <li>https://biglifejournal.com/blogs/blog/5-fun-mindfulness-activities-children-breathing-exercises</li> </ul> </li> <li>Continue the couch to 5km: Couch to 5K Training Plan -A Complete Guide for Beginners (runtothefinish.com)</li> <li>Sports to try in Brentwood: Sports</li> </ul>	
		Contribution Task	Attend extracurricular clubs or represent the school in a fixture!	Sports to try in Brentwood. Sports     and activities   Brentwood Council      Sports complexes in Essex: <a href="https://www.tripadvisor.co.uk/Attractions-g186278-Activities-c56-t131-Essex England.html">https://www.tripadvisor.co.uk/Attractions-g186278-Activities-c56-t131-Essex England.html</a>	

Social Science	
5	

Careers

Wider PREP				
Challenge Task	One of the most talked about aspects of a job is how much people get paid? - Select 6 jobs, using the internet generally and the National Careers website, find out how much they earn and say if you think this is a fair wage for that job? What do you think should decide how much someone should get paid?			
Collaboration Task	This task requires to you to learn from talking to others. Speak to people you know (friends or family) who do a range of different jobs. What do they like about their jobs? What is the hardest part about their job? What skills are needed? Are they doing their dream job? you could create a questionnaire and give it to different people, then write up your results			
Contribution Task	In order to work out what job might suit you in the future, you will need to think about your own skills and qualities, strengths and weaknesses. Prepare a list or table of these so that you can hand it in or share these ideas in class discussions.			

### **Super-Curricular Activities**

- Look at local college open evenings and days to see what courses might suit you at the end of year 11. You can find this information online. What qualifications do you need to get to start these courses?
- Is it possible for you to visit a place of work – one of your parents or older siblings? Or a friend?
- Watch "The Apprentice" on BBC one. What skills does Alan Sugar seem to want in his next working partner?
- There are a number of websites available which give information about the types of jobs in the future. These websites are not always the most appealing to look at, but it is more important that they are really detailed and informative.

https://nationalcareersservice.direct.gov.uk/job-profiles/home

http://website.u-explore.com/#/