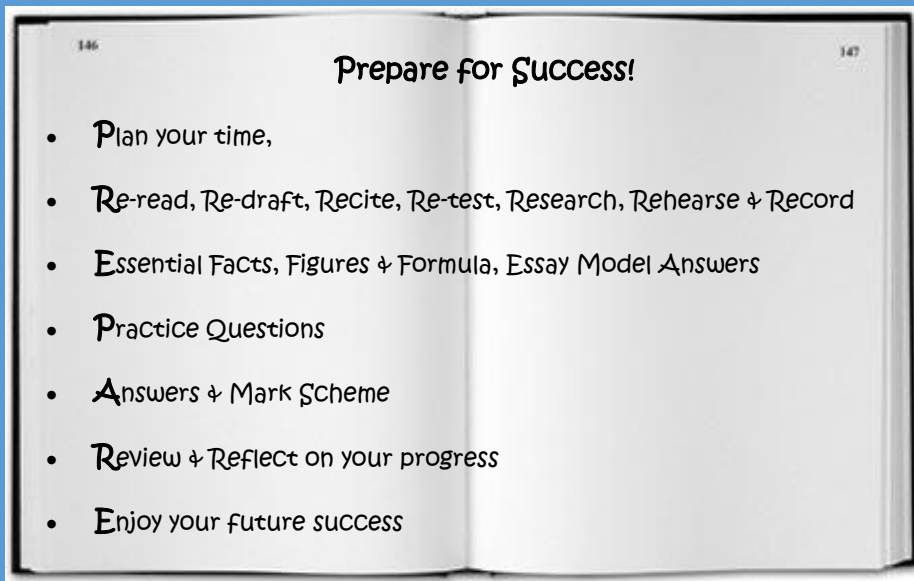


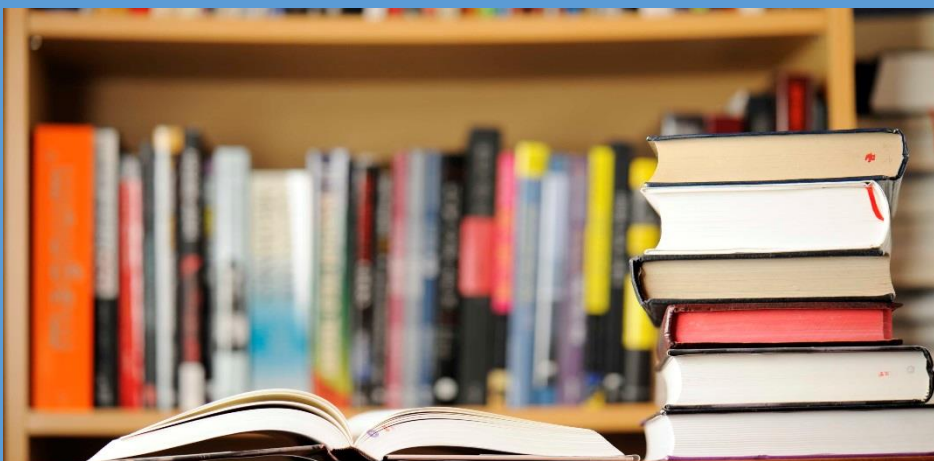


Shenfield High School



- 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 8 Spring Term 1



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:

- **P**lan your time,
- **R**e-read, Re-draft, Recite, Re-test, Research, Rehearse & Record
- **E**ssential Facts, Figures & Formula, Essay Model Answers
- **P**ractice Questions
- **A**nswers & Mark Scheme
- **R**evue & Reflect on your progress
- **E**njoy 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.

A French Bulldog wearing gold-rimmed glasses is sitting on an open book. The background is a light gray surface covered with various colorful educational icons, including a rocket, microscope, globe, paint palette, scissors, and books. The word 'PREP' is written in large, bold, blue letters at the top left, followed by the text 'is not optional' and 'It's a way of life...' in white with black outlines. At the bottom right, the hashtags '#PREP4Success' and '#Burning4Learning' are displayed in white.


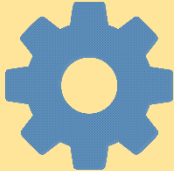

PREP is not optional
It's a way of life...


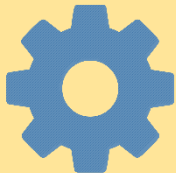

#PREP4Success
#Burning4Learning




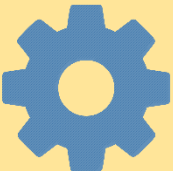


A French Bulldog wearing gold-rimmed glasses is sitting on an open book. The background is a light gray surface covered with various colorful educational icons, including a rocket, microscope, globe, paint palette, scissors, and a potted plant. The word "PREP" is written in large, bold, blue letters at the top left, followed by the text "is not optional" and "It's a way of life..." in white. In the bottom right corner, the hashtags "#PREP4Success" and "#Burning4Learning" are displayed.

PREP is not optional
It's a way of life...

#PREP4Success
#Burning4Learning


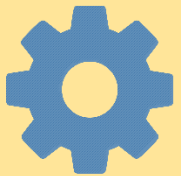

English	The Novel	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> • Watch a play at the Theatre that links to the text that your reading. • Research some well-known writers. Make some notes on your findings. • Watch a TV series or film that is based on a book. Consider which version you preferred and why.
		 Challenge Task	<p>Go to the library and select a new book to read. Write an honest review of the book without giving away the ending!</p>	
		 Collaboration Task	<p>Plan out ideas for your very own story. Create a mood board and a written plan to outline your ideas for plot, characters and setting.</p>	
		 Contribution Task	<p>Re-write the opening chapter of your class reader. Go through and label which parts you changed and why. Remember to use language and structure for effect in your writing.</p>	


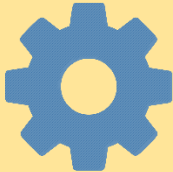

Mathematics	Translation and enlargement/factorising/ratio	Wider PREP		Super-Curricular Activities
		 <p>Challenge Task</p>	<p>Mrs Taneja's Excellence Challenge:</p> <p><u>Head Turner</u></p> <ul style="list-style-type: none"> Make this equation correct just by moving the digits about: $26 = 74$ Powers, roots and even turning numbers upside down, is allowed! 	<p>Visit the Wonderlab at the Science Museum in London.</p> <p>"This unmissable interactive experience will ignite your curiosity, fuel your imagination, and inspire you to see the world around you in new and exciting ways."</p> <p>Wonderlab: The Equinor Gallery Science Museum</p>
		 <p>Collaboration Task</p>	<p>Miss Albery's Excellence Challenge:</p> <p><u>Mathematical photo wall</u></p> <ul style="list-style-type: none"> Bring in a photo/picture with an explanation of what maths can be seen. Really great examples might make it to Miss Albery's 'Mathematical Photo Wall' 	<p>Get Baking!</p> <p>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!</p>
		 <p>Contribution Task</p>	<p>Mrs Jahromi's Excellence Challenge:</p> <p><u>Circle of Apollonius</u></p> <p>The point A has coordinates (5, 16) and the point B has coordinates (-4, 4). The variable point P has coordinates (x, y) and moves on a path such that $AP = 2BP$. Show that the Cartesian equation of the path of P is:</p> $(x + 7)^2 + y^2 = 100$	<p>What Number Comes Next? – Numberphile</p> <p>https://www.youtube.com/watch?v=OeGSQggDkxl</p>


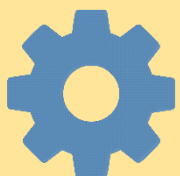

Science	Investigations	Wider PREP		Super-Curricular Activities
		 <p>Challenge Task</p>	<p>Watch the following experiment video all the way through. Can Gummy Bears Be Used as Rocket Fuel? https://www.youtube.com/watch?v=fXf9-2JM7IM</p> <p>As you watch the video note down what the independent, dependent and control variables are.</p> <p>Observe and decide if the method and equipment is accurate if it is why? If not how could it be improved?</p> <p>Choose the right type of graph and present the results you would expect to get and explain the science behind why they got the results they did in the video.</p>	<p>Check out these places to visit.</p> <p>Body Worlds London</p>  <p>Bluedot Science Festival July 20-23 2023</p> 
		 <p>Collaboration Task</p>	<p>Complete the “challenge” task and present the information.</p> <p>Present your completed task to a family member or friend and ask them for feedback. Note down a few improvements they suggested you make.</p>	<p>Cambridge Science Centre</p> 
		 <p>Contribution Task</p>	<p>Present everything you have noted down from watching the video in an interesting and engaging way; this can be in the form of a poster or presentation (like PowerPoint).</p>	<p>Fancy a night in-front of the box?</p> <p>Netflix Documentaries</p> <ul style="list-style-type: none"> • <i>Our Planet</i> • <i>72 Dangerous Animals</i> • <i>Unnatural Selection</i> • <i>Explained</i>


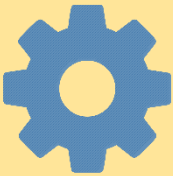

SCIENCE PREP Drop-In Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
Before School					
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)			Physics (Dr Pope)

ART	Animal Sculpture	Wider PREP		Super-Curricular Activities <ul style="list-style-type: none"> Visit the British Museum in London: To see how animals have been depicted through sculpture throughout history. Great Russell Street London WC1B 3DG Watch this video about an artist who is creating animal sculptures from plastic waste found on the beach: https://www.youtube.com/watch?v=C3q65Jnjikps Watch this video from artist Matt Wilson who makes animal sculptures from discarded metals. https://www.youtube.com/watch?v=aDG9VAZxArl Take a look at the work of Mark Edward Adams on his website: https://www.markedwardadams.com/works
		 Challenge Task	Find 6 different Animal Sculptures and create a Visual Fact file about them. Think about Where, Why, Who, What and When? And Include as many facts and images as you can. Complete on A3 or A4 paper. (H1)	
		 Collaboration Task	Design an Animal Sculpture. Ask friends/family members what their favourite animal is, then combine elements of these animals to make a fantasy animal. Make sure you include information about the texture and colour you would use, how big it would be, and what materials you would use. Complete on A4 or A3. (H1)	
		 Contribution Task	<p>Build a 3D sculpture of an Animal. Think about what materials you could use-wood, cardboard, paper, paint, plastic, clay etc. Would you use a combination of materials or use throw away/every-day items? How will you assemble the sculpture, what techniques could you use to hold it together?</p> <p>Bring your sculpture in and be prepared to tell us why you chose the materials and techniques you did. (H1)</p>	

Computer Science	IDEA Bronze Award – Part 2	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> Visit Bletchley Park - https://bletchleypark.org.uk/ Visit the Centre for Computing History http://www.computinghistory.org.uk/ There is a plethora of Computer Science based films and documentaries across the common streaming services. <p>Suggestions include: The Imitation Game, The Social Dilemma, The Social Network and The Great Hack (age restrictions apply. Consult parents or carers before watching)</p>
		 Challenge Task	<ul style="list-style-type: none"> Bring in a successfully completed Sudoku puzzle. 	
		 Collaboration Task	<ul style="list-style-type: none"> Research into a topic of your choice, and write down 5 interesting facts about that topic. 	
		 Contribution Task	<ul style="list-style-type: none"> Create a poster that describes how important social media can be for a business looking to advertise their product. 	




Drama	Styles of Theatre (2) Verbatim – “Refugee Boy”	Wider PREP		Super-Curricular Activities
		 Challenge Task	Use the poem “Refugee Boy” by Benjamin Zephaniah (google it!) as a stimulus. Use the poem to create your own scripted scene on a Refugee child arriving in a new country. Include the Drama techniques of: <ul style="list-style-type: none">FlashbackThoughts aloud/ thought tracking	<ul style="list-style-type: none">Try and see a production at your local theatre, if you can – Panto season is upon us! https://brentwood-theatre.co.uk/whats-on/ https://chelmsfordtheatre.co.uk/ https://www.thebroadwaybarking.com/sales
		 Collaboration Task	Research 10 facts/ statistics/quotes on child refugees. This could also include quotes spoken by real refugees. Present neatly on A4 paper. This verbatim (research) will be used in your later performances. Websites you could start with: https://www.childrenssociety.org.uk/what-we-do/our-work/young-refugees-migrants https://www.savethechildren.org/us/what-we-do/emergency-response/refugee-children-crisis/what-is-refugee https://www.savethechildren.org/us/what-we-do/emergency-response/refugee-children-crisis/refugee-stories (Yaser’s story)	<ul style="list-style-type: none">Stream professional Theatre productions for free! (Please be aware we have made suggestions on <i>age appropriate productions</i> for Year 8 pupils to stream. Not all the productions on these streaming platforms will be age appropriate) Digital Theatre Details: https://edu.digitaltheatreplus.com/
		 Contribution Task	Get together with friends to plan a charity event, that can be run in school, which will help raise money for a child refugee charity. Present your idea to Ms Sherwood, and we will work with you to try to make the charity event happen. Events could include: <ul style="list-style-type: none">Cake salesOther sponsored events such as sponsored walks/runs etc Note: you will not be able to organise/ run any charity event without Ms Sherwood’s and the School’s approval! You are just planning at this stage!	Login: student.Shenfield password: @plenty5268 Watch : Alice in Wonderland, Wind in the Willows Drama online Library Details: https://www.dramaonlinelibrary.com/ Username: 97QG8Dg)y+ Password: 2He(6Ed%Rv Watch: War Horse


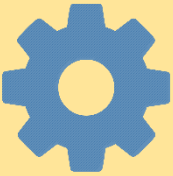
Geography	Urbanisation	Wider PREP		Super-Curricular Activities
		 Challenge Task	<p>[HI] Design a sustainable city, you can use any medium you like. Explain how your city is sustainable and why it could be a model for cities of the future.</p>	
		 Collaboration Task	<p>[HI] Use the keywords and facts we have learned in Geography to make a revision quiz for your classmates in preparation for the End of Unit Assessment in this unit.</p>	
		 Contribution Task	<p>[HI] New York and London are considered the most influential cities in the world, explain why you think this could be and see if you can come up with another city you think might compete in terms of influence. Make your work into a displayable piece to go on our PREP wall!</p>	

Visit the Museum of London to see how our biggest and most influential city has grown [Museum of London | Free museum in London](#)

You could also visit their Docklands site, arguably one of the main contributors to London and Britain's global dominance. [Museum of London Docklands | Free museum in London](#)

Watch 'The World's Busiest Cities' on eStream, a look at 4 mega cities. <https://shenfield.planetestream.com/view.aspx?id=4586~4x~8zS48MtV>

History	Tudor Society	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> Visit the Globe Theatre in London. They have a fascinating museum which can tour and you might even be able to see a Shakespeare play. Visit Westminster Abbey. Its reconstruction which was started in 13th century was finally completed when the nave was finished in 1517 during the reign of Henry VIII. The biggest fibs of Tudor society - British History's Biggest Fibs... - Shenfield High School - Powered by Planet eStream The most dangerous man in Tudor England - The Most Dangerous Man in Tudor England - Shenfield High School - Powered by Planet eStream
		 Challenge Task	[RT] Research the inventions of Leonardo da Vinci. Do any of them resemble modern day technology? Challenge yourself to design your own new invention. Draw it and label it. Explain how it will help to change our lives.	
		 Collaboration Task	[HI] Join with a friend and look at different Tudor houses. How different were houses lived in by peasants, townspeople and the nobility? Choose one type of house and create a sales brochure about it.	
		 Contribution Task	[ER] Make a film or presentation to contribute to the teaching of other students about pirates. Who were the most famous ones? Why were they so famous? What was the life of a pirate really like? How accurate are modern day representations, for example in Disney's 'Pirates of the Caribbean'?	

French	Module 5 – En ville	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> Visit a local French restaurant in your area – what do you recognise on the menu? Ask if you can take one home! <u>MFL Film Club</u> <ul style="list-style-type: none"> Come and join us to watch popular films and TV shows in French - every Wednesday lunchtime in H14! <u>MFL PREP Club</u> <ul style="list-style-type: none"> 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.
		 Challenge Task	<u>Tune in your eyes and ears...</u> <p>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!</p> <p>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!</p> <p>You could always come along to MFL Film Club on Wednesday lunchtimes in H14 and talk about what you've watched or played!</p> <p>Simply email your French teacher with a photo showing off your viewing or gaming activity in French.</p>	
		 Collaboration Task	<u>Be a 'word-nerd'...</u> <p>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.</p> <p>Be proud and bring you work to lessons for your teacher to review!</p>	




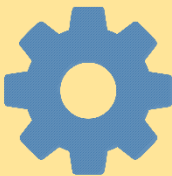
Contribution Task

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!

Spanish	Module 5 – Mi ciudad	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> Visit a local Spanish restaurant in your area – what do you recognise on the menu? Ask if you can take one home! <u>MFL Film Club</u> <ul style="list-style-type: none"> Come and join us to watch popular films and TV shows in Spanish - every Wednesday lunchtime in H14! <u>MFL PREP Club</u> <ul style="list-style-type: none"> 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.
		 Challenge Task	<p><u>Tune in your eyes and ears...</u></p> <p>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!</p> <p>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!</p> <p>You could always come along to MFL Film Club on Wednesday lunchtimes in H14 and talk about what you've watched or played!</p> <p>Simply email your Spanish teacher with a photo showing off your viewing or gaming activity in Spanish.</p>	
		 Collaboration Task	<p><u>Be a 'word-nerd'...</u></p> <p>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.</p> <p>Be proud and bring you work to lessons for your teacher to review!</p>	




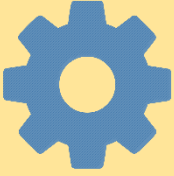

Contribution Task



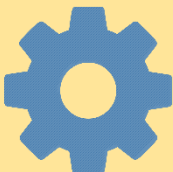

Are you a roving reporter...?


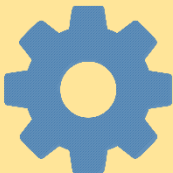

Using your own research create a fact-file of a famous city in Spain or (any other Spanish-speaking country and include the following information;

- 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!

Music	Classical	Wider PREP		Super-Curricular Activities <ul style="list-style-type: none"> Visit a 'Classical' Music concert at the Royal Albert Hall. A list of concerts can be seen using the following link: https://www.royalalberthall.com/tickets/?Genres%5B5%5D=5 Remember to document your visit writing down what impact seeing and hearing a live orchestra had on you. Consider how different the film was by hearing a live orchestra performing the soundtrack. Visit a 'Classical' concert at Cadogan Hall in London - https://cadoganhall.com/whats-on/genres/orchestral/?gclid=EAlaIQobChMI9pyTiLe65wIVwrHtCh10MgNQEAAYASAAEglsk_D_BwE Watch the following TED talk video on the 'Transformative Power of Classical Music' https://www.youtube.com/watch?v=r9LCwI5iErE
		 Challenge Task	<p>[HI] Research the following Classical composers:</p> <ul style="list-style-type: none"> - Mozart - Joseph Haydn - Beethoven <p>Create a file fact on each of the composers and then consider why Mozart and Beethoven are more well known than Haydn.</p> <p>What struggles did Beethoven have in later life?</p>	
		 Collaboration Task	<p>[HI] Using the skills and knowledge that you have learnt in class, write your own piece of music in a 'Classical' style using musical notation.</p> <p>This piece should be different to the one that you have written in class.</p>	
		 Contribution Task	<p>[HI] Use the following video to create a 'Classical' Music timeline that can be used as an information display in the Music classrooms. https://www.youtube.com/watch?v=vfT4xyKQOzY </p> <p>Watch the video on the Development of the Piano. https://www.youtube.com/watch?v=4uCCw_hmILA </p> <p>Create a sales advert for this new invention – the piano.</p>	

PE	Half term three	Wider PREP		Super-Curricular Activities
		 Challenge Task	 Creative task! Buy some straws, split pins, cotton buds, anything you like! Cut them up and create a skeleton. Be creative and allow the different joints of the body to move e.g. the ankle, knee, hip, elbow and wrist!	<ul style="list-style-type: none"> Watch some sporting events live (if possible) or watch on the television: January & February: 2023 in sports - Sport Calendar of the major events of the year 2023 (the-sports.org) Register for the Vitality 5km parkrun: register parkrun UK Mindfulness activities: https://www.youtube.com/watch?v=pcrA7QV_Jxg https://biglifejournal.com/blogs/blog/5-fun-mindfulness-activities-children-breathing-exercises Continue the couch to 5km: Couch to 5K Training Plan -A Complete Guide for Beginners (runtothefinish.com) Sports to try in Brentwood: Sports and activities Brentwood Council Sports complexes in Essex: https://www.tripadvisor.co.uk/Attractions-g186278-Activities-c56-t131-Essex_England.html
		 Collaboration Task	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: <ul style="list-style-type: none"> 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!	
		 Contribution Task	Attend extracurricular clubs or represent the school in a fixture!	

Social Science	Role Models – Faith in Action	Wider PREP		<u>Super-Curricular Activities</u> <ul style="list-style-type: none"> Visit Speaker’s Corner in Hyde Park which promotes the idea of speaking out. Visit a local religious building and look for examples of how they help the local community. Select something you could do to show something you believe in. It could be a charity event or an activity to raise awareness of a certain topic. Research Nicky Cruz. He was a gang member in 1950s America who went on to become a Christian, starting a group called “Teen Challenge”. He helped others move away from gang culture. You could complete some research about him or any other religious person or organisation who try to help those involved in gangs. http://www.teenchallenge.org.uk/ Visit the Childline website and go to the section on Gangs. www.childline.org Watch ‘Icons’ on BBC2 (especially 3rd one with Martin Luther King / Keller / Ghandi and Emily Pankhurst. https://www.youtube.com/watch?v=OVnVYC0x_c0
		 Challenge Task	<p>During the first few weeks of term, Mrs Hollingsworth will come into assembly and launch the “life skills challenge” – this is a challenge which requires you to complete tasks at home which you will need to for adult life. This is a chance to gain individual C points as well as being a house competition – more details to follow.</p>	
		 Collaboration Task	<p>It would be great if we could help each other be more informed. There are often people who come to our attention for something they have done. One example is how famous Sir Tom Moore became when he tried to raise money for the NHS during the Pandemic. Your task is to watch the news and look for other examples of people who have made great achievements so that we can hear about them in class.</p>	
		 Contribution Task	<p>In order to contribute more fully in class, you could select a reading book which supports this topic. - books or biographs on Helen Keller, key political figures such as Rosa Parks or Florence Nightingale. You could also read factual articles on Malala Yousafzai or the Suffragettes.</p>	