



Sutton Coldfield Grammar School for Girls Year 9 Curriculum Map: Summer Term 2019



The purpose of this curriculum map is to give you a general outline of what your daughter is learning in school during this term. We are hoping that this will allow you to support your daughter more effectively in her studies and further enable you to have an open dialogue about learning with your daughter. Each department has made suggestions as to activities that will further support learning in their subject 'outside the curriculum'.

Subject	What we learn	Outside the Curriculum
Art	The first half of the summer term is focused on observational drawing skills contextualised by looking at the work of the Surrealists. Students revisit key elements of art and work up to their end of year exam which is a 1 hour drawing task. The second half of the term is focused on supporting the students with their 'Fashion Show' task.	Visit local art galleries and experience art from different times and cultures, there is some excellent contemporary art at BMAG and the art gallery in Walsall. Photography is another art form which can be explored outside the curriculum, try and photograph different subject matter and enhance your images using various software and tablet apps. Look at how 'forced perspective photography' can be used to create surreal outcomes.
Design & Technology	Resistant materials and Graphic products: Students are required to design and manufacture a product using a range of materials and processes. The focus for this term's product is a children's mechanical toy. They will need to include a range of mechanisms into their design work. Students will then have to promote the product and produce the necessary packaging so it will be ready for sale. In Food and Nutrition: Year 9 will be increasing their skill-base by practising different methods of cooking. This will equip them for feeding themselves and others healthily in the future, as they will be able to transfer the skills and knowledge they gain across a wide variety of recipes. In Textiles: Students are required to design and manufacture a product in response to a conceptual challenge: 'Moving, Carrying and Storing'. Students explore design through a variety of illustration and drawing techniques before making a high quality textile product. Fashion Show – students use their time in Design & technology to work on a range of clothes and accessories to use as part of their cat walk fashion show. The theme for the fashion show is "Recycling Junk into Fashion". This is a cross curricular project with Art, Music and French and culminates in a performance on 11 th July.	Explore a range of fashions and trends from history. Gather a wide range of materials which they can use to recycle as part of their fashion show. www.ethicalfashionforum.com/the-issues/recycling Activities at home; collect lots of pictures of things that your family likes/celebrates for an image board to inspire your designing. Watch the Great British Bake Off on BBC iPlayer or You Tube.
English	This year in Year 9 we are following a 'carousel' of English lessons in order to offer a more enriched experience of the subject. Students will experience the following six rotations, each lasting 5 weeks: An Introduction to Language Study; Modern Drama <i>Blue Remembered Hills</i> ; Pre-1914 Prose; Exploring Shakespeare; Argument and Debate; Poetry. <i>Note that the classes will not necessarily follow this order.</i>	Students would benefit from supporting their study independently in any of the following ways: reading other texts by the same author they are reading; seeing a performance of a play, including Shakespeare; reading and writing poetry; watching debates where they happen on television (political / news programmes as well as Room 101) as well as reading discursive editorials in broadsheet newspapers such as The Times or The Independent.
Drama	Students will be using all of their knowledge that they have acquired this year to respond to a stimulus and create their own group devised performances. They will consider who their target audience is and what the dramatic intention of their piece is. They will consider the different characters and the structure of their work. In addition to this they will look at lighting and set design for their devised piece. Students will work in groups to produce performance work and design work.	Visit the Midlands Art Centre who frequently have interactive exhibitions or drama workshops. Go to local theatres such as Birmingham Rep/Library Theatre/Hippodrome/Lichfield Garrick.
French	Expo 3 Module 1 : Students discuss what is on television; view a film for personal interest and enjoyment; talk about favourite films/books; talk about films using the perfect tense; describe routines using reflexive verbs in the perfect tense.	Use online website such as www.linguascope.com to revise and extend key vocabulary and www.languagesonline.org.uk to practise verb tenses. Watch some French films. Attend French film club. Participate in the French study tour to Paris.
Spanish	Students will learn new vocabulary to talk and write about the sports that they and other people do. They will develop and use a range of expressions to give their opinions on sports and other free time activities. Students will continue to focus on manipulating verbs accurately in the present tense. They will use the immediate future tense to discuss what they are going to do at the weekend. In the second half of this term, students will talk about holidays including plans for future holidays using the future tense and the conditional tense.	Use the online website www.linguascope.com .
Geography	Students will continue their studies of the 'Hazards' module by investigating the causes, effects and responses to earthquakes. We will also study two contrasting case studies; Haiti and Christchurch.	Keep an eye out on the news for any volcanic eruptions, earthquakes or extreme weather hazards that occur. Watch clips on Youtube and collect newspaper articles.
Subject	What we learn	Outside the Curriculum

History	Students will continue to study International Relations in the Twentieth Century including key events of the Cold War. In the summer term the focus will be on the Vietnam War and the increasing amount of political protest during the 1960's.	Watch the DVD of 'Thirteen Days' and find out how close we really came the World War Three or what about researching the assassination of JFK – who really killed him and did it have anything to do with the events of the Cold War?
Computing	Students cover some of the legal safeguards regarding computer use, including overviews of the Computer Misuse Act, Data Protection Act and Copyright Law and their implications for computer use. Phishing scams and other email frauds, hacking, "data harvesting" and identity theft are discussed together with ways of protecting online identity and privacy. Health and Safety Law and environmental issues such as the safe disposal of old computers are also discussed.	Encourage students to watch documentaries on the latest technology i.e. BBC Click programme, the Gadget show.
Maths	In Algebra , we argue mathematically to show that algebraic expressions are equivalent and use algebraic structures of consecutive odd, even and square numbers in order to prove results. In Geometry , we find the perimeter and area of compound shapes, including those made from parallelograms, trapezia, circles, semicircles and quadrants. We find the volumes and surface areas of prisms, cylinders, spheres, pyramids and cones. We will also we solve problems involving flow rates and compound units. In Statistics , we calculate measures of averages and spread and use these to analyse and compare discrete and continuous data sets. We look at different ways to display data, including frequency polygons, cumulative frequency curves, box and whisker diagrams and histograms.	www.mymaths.co.uk has lessons on all of the topics, as well as puzzles, games and extension materials. Students have been issued the current password by their Maths teachers.
Music	<p>In the first half term we study Reggae. Students listen analytically to a range of pieces and discuss the social, cultural and geographic background to the style. Students then perform Bob Marley's <i>Three Little Birds</i> and learn how to make an arrangement of the piece retaining the key stylistic features of Reggae.</p> <p>In the second half term students will be given a free choice; either working on a performance (individually or in small groups), a composition of their own (e.g. song), or a piece of research on a favourite musician / band / genre of music. These will be presented in the final weeks of term.</p>	<p>If students do not have access to a keyboard or piano at home then it may be worth considering purchasing one (although this is not compulsory!!) The main keyboard used in school is the Yamaha YTP-220, which retails for about £90. Whilst we do not currently offer peripatetic keyboard lessons in school many students have lessons outside of school, and I am happy to suggest possible keyboard schools to any interested student or parent.</p> <p>Girls are encouraged to participate in extra-curricular music groups to develop their performance skills. Groups include Gospel Choir, Chamber Choir, Training Orchestra, Sinfonia, String Ensemble, Clarinet Ensemble and Flute Ensemble. Birmingham has a huge amount of live music from a wide range of cultures and styles. Listen to a wide variety of music on the radio, and try out new styles that may not be familiar to you!</p>
PE	<p>This term's work will be divided into three activity blocks, each focusing on a different aspect of PE. The work completed in Year 7 and Year 8 in the areas of athletics, tennis and rounders will be developed further. Students will be able to apply more tactics and learn more advance skills.</p> <p>Students will have a PE theory examination to complete during school exam week. Questions will be based on skills, health and safety, rules, positions, playing areas and major muscles used in the various sporting activities that have been covered.</p> <p>Students will also be looking at how well they can take on different roles within the physical activities that they are participating in, how well they can identify strengths in performance and areas for improvement. There is Sports Day to look forward to as well as House rounders and tennis matches.</p>	<p>Join one or more of the extra-curricular clubs on offer for summer sports in school. Try and increase the amount of regular exercise that you do. For example play tennis, rounders, badminton, football, handball etc. with family and friends in the park. Start walking (faster/further!), jogging, cycling, swimming, rowing etc.</p> <p>We have a tennis and badminton coach offering training after school, and there may be an opportunity for you to participate in water rowing at Powell's Pool on Fridays.</p> <p>Look out for your chance to represent the school at the Sutton Schools' Athletics Championships.</p>
Religious Studies	<p>Students will be finishing off the unit on Spirituality and evaluating if people need to be religious to be spiritual.</p> <p>They will then start a unit on 'Religion and Social Responsibility' where they will investigate religious views on various moral and ethical issues such as world poverty and care of the elderly.</p>	Look out for stories in the news that link to the issues studied in the unit. Try to spot how people's religious beliefs might have had an impact on their willingness and sense of duty to help others.
Science	<p>Biology: Students will be continuing to work their way through the B2 module "Scaling up". This will involve looking into how animals and plants transport substances through their vascular tissues.</p> <p>Chemistry: Students will study ionic and covalent bonding before moving on to look at different carbon allotropes. They will then complete work about nanoparticles paying particular attention to their size and uses. The final part of the academic year will involve studying the importance of crude oil and how it is processed.</p> <p>Physics: Students will be studying further work on waves including refraction, sound and seismic waves, to complete the P4 topic. They will then begin P5, learning about how lenses work and where they are used, then about the electromagnetic spectrum including uses and dangers of parts of the spectrum. Students will also be developing their practical skills and will complete a core practical task. They will complete an examination paper on their Year 9 work during exam week.</p>	<p>A lot of the biology work is to do with the heart and vascular tissues and there are many websites that you can explore heart problems and treatments.</p> <p>The 'GCSE bitesize' and 's-cool' websites have some fun interactive activities that will aid understanding and revision.</p> <p>A visit to Jodrell Bank will allow students to see how radio waves are used in astronomy and how curved surfaces can be used to reflect and focus sound waves.</p>