



Lewis Girls' School

Year 9 Curriculum Overview

Spring Term 2019



Health & Wellbeing

Physical Education

Developing theory knowledge of Health & Fitness through benefits of warm ups and cool downs in small groups. Focus on Fitness testing and the reasons why it's good to test your fitness.

Mini Welsh Baccalaureate

Learners are continuing to work on the SWEET personal development programme, with the current focus being Enterprise and Employability. This helps to prepare learners for their Welsh Baccalaureate studies in Key Stage 4.

Humanities

Religious Education

Pupils continue to develop their exam skills through the study of the life of Jesus. They will look at a range of evidence to help them conduct an investigation into whether or not they believe Jesus to be God incarnate.

History

This term learners will complete the unit on the Holocaust. They will then go onto study 'Days that shook the world'. This will focus on what makes an event significant and will include events such as 9/11. There will be an opportunity for learners to investigate an event of their own choice. All students have a homework menu and are expected to complete at least three tasks a half term.

Geography

Pupils continue their work on Earthquakes and their consequences. Activities include designing an earthquake proof building. Pupil's homework tasks are on the structure of the earth and earthquakes. We will be moving on to Tsunami and Fold mountains.

Languages, Literacy and Communication

English

Pupils will begin GCSE study this term. This will focus on the Shakespeare aspect of GCSE Literature. This unit will develop pupils' expertise in analysing and exploring how writers use language to convey meaning in a set text. Texts will be chosen from: Macbeth, Romeo and Juliet, and Julius Caesar. At the end of the unit pupils will produce a piece of analytical writing on a set question based on a thematic focus.

MFL

Early on in the Spring term pupils will be finishing writing about their ideal holidays. They will have developed crafting techniques so that they are able to produce more extended writing. Once this is completed, pupils will be planning a weekend in Paris whereby they will work in teams to plan an itinerary for either a family, a group of students or seniors. The project will be completed using their digital, numeracy and literacy skills. Pupils also have access to vocab express, an online vocabulary learner.

Welsh

This term pupils will be revisiting the past tense primarily. Pupils will be learning how to extend and improve their work using TROI (Tenses, Reasons, Opinions, Idioms and special effects). Pupils will learn how to form similes in Welsh to enrich both their spoken and written Welsh. Pupils will be studying these skills through the topic GWYLIAU (Holidays). There will be writing, reading and speaking assessments on this topic.



Science & Technology

Design Technology:

Pupils have now completed their CAD CAM photo frame projects with some brilliant results this year. E-portfolio work in Google classroom has also been exceptionally good quality with some very high levels achieved by the girls this year. The next project will see a variety of skills developed as we link with Textiles and Digital Design in our cross curricular project. Pupils will carry on with their practical making skills in textiles as they make their light up character cushion. The same character will then be used in DT for a variety of tasks including designing the housing to hold a BBC Micro:bit that the pupils will be learning how to code in Digital Design to create a Magic 8 Monster! The same character will be utilised to create a pop out and build clock for children in DT with the use of spreadsheets to then calculate costs for these items including production costs, sales costs and VAT added.

This term will also see some classes going to food technology for their set cookery practical and theory lessons with those that don't cook this term cooking next term.

Look out for photos of what the girls are up to on our Twitter feed @LGS_DT

Digital Design:

Throughout this term, students will be working on a ski trip assessment. This will require them to combine all of the skills they have learnt over the past 3 years in order to create:

- Two presentations to advertise the trip, one aimed at parents and the other aimed at students
- A spreadsheet to keep track of all money coming in from the trip
- And a database to store information on students attending the ski trip.

Creatives

Art:

Pupils are continuing with the 'Step by Step' theme producing a magazine cover for a magazine which promotes an active lifestyle. Year 9 pupils have all composed their background on their A3 sized final work through writing about a memorable activity or event they have undertaken recently. Onto this work, they have created stencils after looking at the work of artists such as Banksy. When using their stencils, they have been taught about balance in their composition as well as how to apply printing ink into stencils so it compliments the composition. The pupils will now continue this work employing mixed media techniques applying collage.

Music:

Pupils are introduced to the concept of irregular metre through performing the Leonard Bernstein classic, 'America' from West Side Story. They are also required to appraise various excerpts of irregular music by means of listening exercises where they are required to identify the type of pulse being used. In performance, it is encouraged that pupils break up the constituent notes of any given chords to produce broken-chord or arpeggaic patterns to form their accompaniments. Extended chords (dominant 7ths) and chords form outside of the tonic key are also featured in this work.



Mathematics & Numeracy

Numeracy:

Pupils will spend this half term developing the following numeracy skills: using efficient written methods to add and subtract numbers and decimals of any size; use the order of operations including brackets and powers; make and justify estimates and approximations of calculations; choose the appropriate degree of accuracy to present answers; measure and draw angles; use mean, median, mode and range to compare two distributions; construct and interpret graphs and diagrams (including pie charts) and use appropriate mathematical instruments and methods to construct accurate drawings.

Mathematics:

During the Spring term of year 9, pupils will continue to become more aware of the demands of GCSE Mathematics and Numeracy. They will use their existing knowledge of sequences to find general terms for more complex (non-linear) sequences. Pupils will be expected to plot and draw straight line graphs from a table of values and recognise the gradient and y-intercept of a line by inspecting its equation. Negative numbers will be included in multiplication and division using decimals and calculator skills will be required for more complicated calculations. The laws of indices (powers) will be used to aid calculations performed using standard form. Data handling will include the drawing and interpretation of scatter diagrams and their use in testing hypotheses and estimating missing data. Towards the end of term pupils will be introduced to Pythagoras' Theorem; they will be expected to use it to find missing lengths on right-angled triangles.

Helping at Home

- Your child will have been provided with logins and passwords for two important websites: www.mymaths.co.uk and www.mangahigh.com. Homework will be set using both these sites. In addition to homework These sites can be used to learn and consolidate skills taught in the classroom
- Join a club in their local community or in school at lunch/after school.
- Complete all homework tasks
- Follow us on Twitter : @lewisgirlssch or via the school website www.lewisgirlsschool.com