



# Lewis Girls' School

## Year 7 Curriculum Overview

### Spring Term 2019



## Humanities

Pupils will be looking at big questions such as 'What if we ran out of water?' Pupils will choose their own big question to research and will then present their findings to the rest of the class.

## Languages, Literacy and Communication

### English

Pupils will be working on a range of writing, reading and oracy tasks this term. Pupils will use *The Hobbit* and various other literature to develop their expertise in approaching text types, such as persuasion, description, explanation.

### French

Pupils will learn French, Spanish and German during year 7. At the beginning of the Spring term pupils will be completing assessments to show the progress they have made in French. They will then start to develop the vocabulary to be able to introduce themselves in Spanish and learn the grammatical terms to help them make the links between the languages they have studied so far. Pupils will be encouraged to use their google chromebooks in every lesson.

### Welsh

Pupils will spend this half term learning how to form the present tense in Welsh. They will learn how to form positive sentences, negative sentences and questions. They will also learn rules about adjectives and be able to give their opinion with reasons. Pupils will learn these important grammar rules through the familiar topic *Teulu* (family), a topic they will have touched on in primary school. We will give them the grammatical tools to extend and improve their work in this topic.

## Health & Wellbeing

### Active Wellbeing

Focus on Personal Care & Emotional wellbeing. Looking at activities netball, gymnastics, dance, fitness.

### Food Technology

Food lessons have continued to develop pupils skills both in the kitchen as well as their knowledge about food preparation skills, health and safety and nutrition.

As the term goes on pupils will continue to develop these skills as well as start to consider if the skills and knowledge they are gaining is enough for them to attempt the Jamie Oliver BTEC in food. Look out for photos of what the girls are up to on our Twitter feed @LGS\_DT

### Wellbeing

Pupils are focusing on personal care during the first half of this term. This encompasses puberty, menstruation and personal care routines. Learners will be encouraged to consider experiences of and attitudes towards menstruation in other parts of the world, comparing the experiences of others with their own. Pupils will develop their digital competency by working together to create a website containing information on aspects of personal care. They will also re-acquaint themselves with the "Know Your Lemons" breast awareness campaign and with sun safety. In the latter half of the term learners will focus on emotional well-being. We will be working with Hafal to help equip learners with knowledge and understanding about aspects of emotional well-being, and developing strategies that support positive emotional well-being, including the importance of good sleep routines.



## Creatives

### Art

Pupils are now working to the theme of portraits and have started to explore in more depth elements such as colour. They have also developed numeracy skills through considering proportion to create an accurate two-dimensional representation of their own face. There is a strong contextual element to their work in that pupils will compare their work to that of Picasso and in particular, his Cubist portrait of 'Dora Maar'. This information will be used to compose their own portrait.

### Music

Pupils are learning about the concept of tonality in music through the use of major and minor chords. They learn to play the sea-shanty "The Drunken Sailor" through performing as singers and instrumentalists. They move on to create their own musical arrangements on their Chromebooks of the song using the cloud-based sequencing package - *Google Soundtrap*.

## Science & Technology

### STEM: Science, Technology, Engineering and Maths

Pupils have learnt about structures and created their own paper straw and PVA structure designed to hold a wind turbine unit. They have over the past 2 weeks been testing these structures to destruction and comparing the strength to weight ratio of each tower to find the best class designs. Tests have been carried out using 10 gram weights and bricks with the strongest tower so far holding 5 bricks at 2KG each and 1.7KGs of weights! After completing their evaluations on the tasks pupils will next again be working in teams to create race cars for our Parrie Dakar event! Again only PVA, paper straws and card are allowed with the cars having to complete a variety of tasks as well as an out and out race!

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

### Design Technology

Pupils are now completing their first unit of work combining hand tools and CAD CAM to create a desk tidy, also making use of Google classroom for the first time to create their Digital E work booklets.

The next project will see them using DASH the robot to learn about systems and control while programming the robots to solve a variety of different puzzles and tasks.

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

### Digital Design

Throughout the term, students will be learning about the tools and techniques used to create key frame animations, such as tweening, cloning and frame rates.

Students will then move onto learning the basic concepts of creating databases whilst focusing on key terminology, such as validation and simple and complex queries.

Finally, students will use a programming application to help them understand the input and output devices needed to control different scenarios, such as controlling pelican crossings and robots.



## Science & Technology continued..

### Textiles

Pupils continue to work on their practical skills this term in Textiles working on their door stop. All the girls are now using both hand skills as well as the sewing machines in the creation of their doorstops with some even making use of their newly developed CAD CAM skills to design appliqueable designs on CAD before having them cut out using the laser cutter! As the term goes on pupils should finish these and be able to return to the Google classroom E-work booklets to evaluate what they have made as well as the skills that they have learnt over the project.

## Mathematics & Numeracy

### Numeracy

Pupils will spend this half term developing the following numeracy skills: using appropriate strategies for multiplication and division, including application of known facts; use the terms square and square root; use ratio and proportion including map scales; present answers to a given number of decimal places; read and interpret scales; find perimeters of shapes with straight sides; convert between units of the metric system; use timezones; measure angles and develop the use of a range of checking strategies.

### Mathematics

During the Spring term pupils will continue to build on the foundations of mathematics developed in primary school. More specifically they will clarify their understanding of coordinates and begin to draw straight line graphs. Pupils will further develop their understanding of negative numbers by performing addition and subtraction without context. Algebra will be revisited in the form of generalising rules for sequences; special number sequences such as square numbers will be explored. Pupils will consider the suitability of various diagrams for displaying data and consolidate their knowledge of these diagrams. Finally, they will develop their understanding of area and volume by investigating these measures for various shapes.

## Helping at Home

- Your child will have been provided with logins and passwords for two important websites: [www.mymaths.co.uk](http://www.mymaths.co.uk) and [www.mangahigh.com](http://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
- Art-Draw from observation as much as possible
- Complete all homework and discuss what, how and why?
- Join a club and get involved in a park run <http://www.parkrun.org.uk/>
- For Literacy, pupils will be tested diagnostically each half term to identify gaps in spelling, punctuation, and grammar.
- Follow us on Twitter: @lewisgirls or via the school website [www.lewisgirlsschool.com](http://www.lewisgirlsschool.com)