



Lewis Girls' School

Year 7 Curriculum Overview

Autumn Term 1 2018



Mathematics & Numeracy

Numeracy

Doubling and halving in the context of money, metric conversion (cm to m), using simple ratio and proportion, interpreting timetables (find duration in hours and minutes), time: duration in seconds, complete a sequence (decimals), multiplication and division in the context of money, data: mean score, long multiplication.

Mathematics

During year 7 pupils will build on the knowledge and skills learnt in primary school to further develop their understanding of mathematics. In particular, they will study the following areas of mathematics: Geometry, Algebra, Measures, Number and data.

Health & Wellbeing

In Active Wellbeing, (formerly known as PE), pupils are exploring what makes a healthy year 7 pupil. They will be tested on areas of fitness and will learn the relationship between calories, diet and exercise.

In Food Technology pupils will be learning about food and nutrition. A combination of digitally led theory lessons and hands on experience of food preparation, cooking and nutritional knowledge.

Languages, Literacy and Communication

English

Students are engaging in a course of Study inspired by David Walliams' literature. The course focuses on progressing a range of reading, writing and oracy skills that will transfer to other subjects in the curriculum. Students will have an opportunity to explore the Tower of London, and organise a project that develops links between the young and elderly in the community.

French

Pupils will learn French, Spanish and German during year 7. They will develop the vocabulary to be able to introduce themselves in French and learn the grammatical terms. Early on in the term, pupils will watch a play that is presented entirely in French. Pupils also get to participate in the activities during languages week.

Welsh

In Year 7, students will focus on developing their oracy, writing and reading skills in a similar way to which they did in primary school. We will be recounting a trip, persuading a friend to take part in an adventure activity, reading and appreciating a poem and reading a book. Students will have the opportunity to work individually, in pair and in groups. They will also be using their Chromebooks in most lessons.



Creatives

Art:

Pupils are exploring a variety of media and techniques to develop their creative skills. As well as acquiring creative skills through different media, they will work from a range of subject matter. In the first theme, pupils are exploring 'shoes' where they will learn to draw from observation and in proportion. They will also explore how to use tone to create texture. After investigating 'shoes', pupils will move onto investigate 'cakes' again looking at creating texture but using oil pastel. The final theme will explore 'sweets' where pupils will investigate colour. To enrich their understanding, they will be introduced to the colour wheel and colour theory.

Music:

Pupils are learning about the Elements of Music and through singing and applying the various concepts of pitch, duration, dynamics, tempo, timbre, structure, texture and silence. They learn the key vocabulary and definitions of each element and are able to recognise them in context. The pupils then learn the song 'This is Me' from the Greatest Showman and apply their chosen musical in some way to a small group performance.

Science & Technology

STEM: Science, Technology, Engineering and Maths.

Pupils in the new STEM lab will learn about different types of forces before moving onto how these forces affect our everyday lives. Pupils will be designing and building structures. The project will develop digital, numerical skills, resilience and teamwork skills.

Design Technology:

Students will work both individually and in groups to design and make an environmentally friendly desk tidy. They will learn about and use a variety of hand tools as well as CAD CAM in the production of their project.

Digital Design:

Pupils will be creating an e-portfolio whereby they will collect digital collections of work they feel proud of. Following this, they will learn the dangers of the internet such as cyberbullying, social networking and grooming, but more importantly will be aware of how to protect themselves online.

Science:

Pupils are introduced to secondary school Science through the 'Essential Science Skills' topic. Here, they will learn to: work safely in the lab, recognise basic lab equipment, make accurate measurements, plot data in the form of graphs and earn their Bunsen burner licence. At the end of this topic pupils will be assessed on their ability to select the measuring equipment that allows them to gather accurate experimental results. Following this, pupils will move onto a Physics topic called 'Forces'. Here, they will learn about the effects of forces (pushes and pulls), which will link to the work they carry out in their STEM lessons. The assessment for this topic will involve pupils writing a method, identifying variables, drawing a graph of their experimental results and identifying patterns in their results.



Humanities

In Year 7, learners think about the world around them and their relationship with the world. This is done by, for example, creating an emoji map of the school and measuring and drawing a plan of their classroom. Learners then learn to navigate around the school using a compass, culminating in a treasure hunt with historical clues. Learners have a nandos homework sheet, and select an appropriate homework from the menu with guidance from their teacher.

Helping at Home

- Art-Draw from observation as much as possible
- Complete all homework and discuss what, how and why?
- Multiplication strategies using the magic stick. This can be supported using the video <https://drive.google.com/file/d/1DhOVugVqsymHPUucKOOohi24O5KutM9o/view?ts=5a9d2677>
- Join a club and get involved in a park run <http://www.parkrun.org.uk/>
- Follow us on Twitter: @lewisgirls or via the school website www.lewisgirlsschool.com