Lancaster Girls' Grammar School

Learning Overview

Subject: Computing	**Head of Subject:** Miss J Clapham	**Year**: Seven

Organisation of the Subject

Computing is taught in mixed form groups of 28 students. The students have one of lesson per week. Students are generally working between levels 3 and 6.

Key Concepts (The big ideas underpinning the subject)	Key 'Learning Capacities' in this subject
- Office Projects - Microbit - Scratch - Cryptography - Kodu	- Solving problems independently - Seek assistance whenever required from their teacher or peers - Perseverance – especially if the work becomes challenging - Be able to give feedback to peers and implement feedback received

<u>What</u> will your daughter be learning?	<u>How</u> will your daughter be learning?
- Basic office skills – publisher/powerpoint etc - What an algorithm is and how some simple algorithms work - How to keep data safe and secure - Presenting Information - Algorithmic Thinking	- Internet/book based research - Practicing skills on computer - Exposure to various software - Providing feedback/support to others - Teacher led demonstration / modelling

How will learning be assessed?	What can you do to support your daughter?
- End of Unit Assessment - Assessment of individual pieces of work - Responses in class - Homework	Discuss uses for ICT and Computing in the real world Highlight careers/jobs that make use of this subject area Where software is free (much of it is) allow access to it at home

Equipment needed for this subject	Extra-Curricular / Enrichment Opportunities
It is not necessary for students to have a computer at home, though if it is available; it is useful if students are able to install the free software listed on the software section of the Computing page on the website. A pen, pencil and ruler are required in lessons. Some students like to use a pen drive to transport work home, while others prefer to email or Office 365.	The Computing labs are open every break, every lunch and before school. Students can use these to do work or printing for any subject, homework for Computing if a computer is not available at home. KS3 Code Club runs every Wednesday in Room 7

If you have any questions about this Learning Overview, please contact your daughter's subject teacher in the first instance.