

COMPUTING

Teacher in charge - Mr S. Karunaratne

In Year 8, pupils receive roughly the equivalent of two lessons each week of computing. Some computing is delivered via Design & Technology lessons that cover computer graphics and computer control.

In actual Computing lessons, pupils will:

- learn how binary numbers are used to represent text, colours, pictures and sound
- learn the basics about cyber security including data security, social engineering and the use of bots.
- revisit programming using python; they will extend their knowledge of programming and create working solutions to problems.
- explore the intricate components that form a computer system and delve into the wide range of available computer types
- learning to use a database to search and sort data, understanding tables, records, queries, data types and creating reports for a specific purpose

Throughout Key Stage 3 pupils encounter and use ICT in all subject areas.