COMPUTING

Teacher in charge - Mr S. Karunaratne

Aims

- To develop the skills learned at Key Stage 2
- To familiarise pupils with the computing environment at Kingshill School
- To develop confidence and competence in computer usage
- To encourage an interest in how computers work, how to control what computers do and understanding networks like the Internet.

Course Description

During the year pupils will become familiar with the computing environment at Kingshill School, using software running on the Windows operating system platform.

Over the year, pupils will:

- be taught how to manage files and folders
- become familiar with the school e-mail system and internet usage
- use spreadsheets for modelling
- be made aware of issues involving e-safety when using the internet and responsible usage
- experience writing simple computer programmes using python
- learn how the binary number system works, how to count in binary and how to convert between base 10 numbers and binary
- develop an understanding of how networks like the Internet work

Early in Year 7, pupils will become familiar enough with the computer system to begin to carry out cross-curricular work with confidence. Throughout the whole of Key Stage 3 pupils encounter and use ICT in all subject areas.