

Computer Science Department Curriculum Guide

Year 9

What will my son learn?

Autumn term

- Network Login
- Class rules
- File management
- Fronter
- E-Safety
- Ethical, Legal, Cultural & Environment concerns
- Computer Systems
 - OS, Storage, Memory, CPU

Spring Term

- Computer Systems
 - LAN, WAN
 - Network Topologies
- Data Representation
 - Binary Representation
 - Data Types
 - Text
 - Sound

Summer Term

- Data Representation
 - Pictures
 - Data Quality
 - File size
 - Data validation
- Programming using Python
 - Flowcharts
 - Pseudocode
 - Python Variables
 - Python Selection
 - If
 - If, Else
 - Python Iteration
 - For Loop

How will my son be assessed?

At the beginning of each Unit, a baseline test is taken to assess the learner's understanding.

At the end of each Unit a proper test is taken to assess the learner's progress and it's based on:

- Fronter Test
- Doodle Test
- Doodle Quizzes
- Doodle Worksheet
- Teacher's judgement

How can I support my son with Computing?

- Use Doodle Resources for KS3 Topics to familiarise yourself with the subject
- Go through presentation and complete all mini quiz with your son
- Check that your son has completed all his Doodle Homework
- Check that your son has completed all baseline test and end of unit test.
- Check that your son practice on Computing topics at least 4 hours a week

