

# Computer Science department Curriculum Guide

## Year 7

What will my son learn?		
Autumn term	Spring Term	Summer Term
<ul style="list-style-type: none"><li>• Network Login</li><li>• Class rules</li><li>• File management</li><li>• Fronter</li><li>• E-Safety</li><li>• Ethical, Legal, Cultural &amp; Environment concerns</li><li>• Computer Systems</li></ul>	<ul style="list-style-type: none"><li>• Data Representation<ul style="list-style-type: none"><li>○ Binary Representation</li><li>○ Data Types</li><li>○ Data validation</li></ul></li><li>• Programming using Python<ul style="list-style-type: none"><li>○ Flowcharts</li><li>○ Pseudocode</li><li>○ Hello world</li><li>○ Print Function</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Programming using Python<ul style="list-style-type: none"><li>○ Python Variables</li><li>○ Python Selections<ul style="list-style-type: none"><li>▪ If</li><li>▪ If, Else</li></ul></li></ul></li></ul>

### 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
- Doddle Test
- Doddle Quizzes
- Doddle Worksheet
- Teacher's judgement

### How can I support my son with Computing?

- Use Doddle 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 Doddle 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

