

OCR GCSE Computer Science Curriculum Guide

Year 10

What will my son learn?		
Autumn term	Spring Term	Summer Term
<ul style="list-style-type: none">• Component 01 – Computer Systems • Systems architecture • Memory • Storage• Component 02 – Computational Thinking, Algorithms and Programming • Algorithms • Programming techniques • Computational logic	<ul style="list-style-type: none">• Component 01 – Computer Systems • Systems software • Wired and wireless networks• Component 02 – Computational Thinking, Algorithms and Programming • Data representation • Producing robust programs	<ul style="list-style-type: none">• Component 03 – Programming Project – preparation and practice

How will my son be assessed?
<ul style="list-style-type: none">• Autumn – Component 1 and 2 practice tests• Spring - Component 1 and 2 practice tests• Summer – Component 1 and 2 mock exam, Programming Assessment

How can I support my son with Computer Science?
<ul style="list-style-type: none">• Provide access to Python IDLE• Encourage your son to program for fun using online Python tutorials

