

# 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"><li>• <b>Component 01 – Computer Systems</b> • Systems architecture • Memory • Storage • Moral, legal, cultural and environmental concerns</li><li>• <b>Component 02 – Computational Thinking, Algorithms and Programming</b> • Data representation • Algorithms • Programming techniques</li></ul>	<ul style="list-style-type: none"><li>• <b>Component 01 – Computer Systems</b> • Systems software</li><li>• <b>Component 02 – Computational Thinking, Algorithms and Programming</b> Producing robust programs • Computational logic</li></ul>	<ul style="list-style-type: none"><li>• <b>Component 03 – Programming Project</b> – preparation and practice</li></ul>

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

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

