

Computing GCSE

Key Information

Contact:	Mr T Banner tbanner@westonfavellacademy.org
Exam Board:	OCR
Summary of subject:	<p>Key topics to revise:</p> <ul style="list-style-type: none"> • 2.1.1 Fundamentals of computer systems Computer systems • 2.1.2 Computing hardware The Central Processing Unit (CPU) Binary logic Memory Input and output devices Secondary storage • 2.1.3 Software Software • 2.1.4 Representation of data in computer systems Units Number Character Images Sound Instructions • 2.1.5 Databases The database concept The DBMS Relational databases • 2.1.6 Computer communications and networking Networks The internet • 2.1.7 Programming Algorithms Programming languages Control flow in imperative languages Handling data in algorithms Testing
Units and weighting:	<p>Unit A451: Computer systems and programming. (40%) Unit A452: Practical investigation. (30%) Unit A453: Programming project. (30%)</p>



How I can support my child at home?

Recommended Websites:

- www.gcsecomputing.org.uk/
- [www.teach-ict.com/gcse computing](http://www.teach-ict.com/gcse_computing)
- www.cambridgegcsecomputing.org
- www.bbc.co.uk/education/subjects/z34k7ty
- www.gcsepod.com

Golden Tips

You need to make your revision time as productive as possible. Just reading does not tend to be very effective. Making revision notes, writing topic summaries, attempting questions and then checking the answers are much better strategies. Writing or typing something forces you to concentrate and your mind is less likely to wander off your revision onto something you would rather be doing.