



Computing



Summer Support

Year 9

Are you on track with your recent studies? Look through this checklist of key topics and see if you have an understanding of the key ideas. If you discover a gap in your knowledge use the highlighted tasks from the recently set work to fill in any gaps. Highlight any areas you need to work on.

All resource are in [P:\Departments\Computing\Summer Support Packs](#)

I have read the provided resources and can accurately convert between binary, hexadecimal and denary numbers without using a calculator.	✓ / ✗
I have viewed the provided resources, made notes and am able to describe how images, text and sound are encoded into binary and the role of encryption in modern computer systems.	
I have viewed the provided resources and can use the core programming constructs (input/print, sequence, selection and iteration) to produce working programs using Python.	
I still need to As I didn't complete.....	

Challenge Time

Want to get ahead of the game and prepare for next term?

Why not try these tasks:

- The first topic in September is binary/hexadecimal numbers, storage units and filesize calculations so make sure you are confident with binary numbers and perhaps do some research and make notes on storage units (bit, nibble, Byte, KB, MB, GB, TB, PB) and the role of metadata.
- The more programming you do the better, so perhaps spend some time attempting one of the programming challenges using Python 3.4+