



## Summer Bridging Work

**Subject: Computer Science**

**Year: 10 to 11**

Topic to be taught in September: Algorithms and Computer Programming

Suggested background reading that will help then to understand the context of the topic to be studied:  
[teach-ict.com/2016/GCSE\\_Computing/OCR\\_J277/OCR\\_J277\\_home.html](http://teach-ict.com/2016/GCSE_Computing/OCR_J277/OCR_J277_home.html)  
(use login details)

Relevant films/videos to watch:  
<https://student.craigndave.org/videos/2-2-programming-techniques>  
Pirates of Silicon Valley

Activity to undertake:

- 1) Use Snakify and work through the tutorials on Python.
- 2) Practice writing pseudocode using:

<https://revisecs.computerscienceuk.com/algorithm-a-day/>