**Preparing for Transition from Key Stage 4 to Key Stage 5**

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| **Subject** | **Qualification** |
| **Biology** | **A Level** |
| **Recommended Reading Materials** | **Recommended Websites** |
| * Spill over - David Quammen * Darwin’s Island - Steve Jones * The Epigenetics Revolution - Nessa Carey | <http://www.sumanasinc.com/webcontent/animations/biology.html> - Sumanas, Inc.  <https://evolution.berkeley.edu/evolibrary/article/evo_01> - Understanding Evolution |
| **Preparation Tasks** | **Recommended Research** |
| * Complete the Cell Structure interactive and study resources at   <http://www.cellsalive.com/index.htm> - Cells alive! This website provides a range of interactive animations (such as ‘Cell models’ and ‘How big?’), and free study aids, such as worksheets, puzzles and quizzes. | * Research these websites:   <http://www.s-cool.co.uk/a-level/biology/cells-and-organelles> - S-cool the revision website  <http://www.bbc.co.uk/education/guides/zvjycdm/revision> - BBC Bitesize |
| **Recommended trips or visits this Summer** | |
| * Natural History Museum * Hunterian Museum * Horniman Museum * Wellcome Museum | |
| **Tasks to Complete** | |
| Produce a one-page revision guide to share with your class in September summarizing each of the following topics:   * Cells and Cell Ultrastructure * Prokaryotes and Eukaryotes * Mitosis and Meiosis   Whichever topic you choose, your revision guide should include:   * Key words and definitions * Clearly labelled diagrams * Short explanation of key ideas | |