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

|  |  |
| --- | --- |
| **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
 |