



<b>Subject</b>	<b>Triple science - Biology</b>		
<b>Title/Topic</b>	<b>Format</b>	<b>Length</b>	<b>WC</b>
Paper 1 – Cells, transport & organisation	Written paper	50 minutes	21 November

### **In this Advent assessment I will be asked to show I can...**

- Describe the sub-cellular structures of prokaryotic and eukaryotic cells & state their functions.
- Identify stages of the cell cycle and describe what happens at each stage.
- Define diffusion, osmosis & active transport and give examples of substances transported via each method.
- Explain factors that affect the rate of diffusion.
- Explain how to investigate the effect of osmosis on plant tissue and interpret data about this.
- Describe the method of action of enzymes and factors that affect the rate of enzyme-controlled reactions.



### **What should I do to revise and prepare for this assessment?**

To prepare for this assessment:

1. Use the knowledge organiser of the cell biology, transport and organisation & digestion booklets you have studied in year 10. (look, cover, write and check)
2. Make flash cards of key terms and their definitions.
3. Read through the booklets and make notes or mind maps on important information.

### **What useful websites/resources could I use to help me prepare?**

Use Seneca learning complete the relevant sections:

[www.senecalearning.com](http://www.senecalearning.com)

Use GCSE bitesize – AQA single science

<https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>

Use GCSE Pod