

## Summer Assessment Topics for Revision

Year : 13

Subject: A Level Biology

In class assessment (Optional for subjects):

### Topics to revise for April Assessment

Unit	Topic Title
Cells	Transport across cell membranes
Biological molecules	Carbohydrates
Biological molecules	Proteins and enzymes
Biological molecules	ATP
Genetic information, variation and relationships between organisms	Genetic code, Protein synthesis
Nucleic acids	DNA replication
Energy transfers	Photosynthesis
Energy transfers	Respiration
Nervous control and co-ordination	Synapses
Cells	The immune system, monoclonal antibodies, HIV
Biodiversity	Species and taxonomy
Exchange	Gas exchange in insects, cells, fish and mammals

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Unit	Topic Title
Cells	Transport across cell membranes
Biological molecules	Carbohydrates, lipids and proteins
Genetic information, variation and relationships between organisms	Genetic code, Protein synthesis
Nucleic acids	DNA replication
Organisms exchange	Mass transport
Energy transfers	Respiration
Nervous control and co-ordination	Synapses
Cells	The immune system
Cells	Mitosis
Biodiversity	Biodiversity
Homeostasis	Homeostasis

### Revision Support:

- Revision guide and lesson materials in Files section of class teams
- [Free Science lessons](#)
- Seneca
- Physics and math's tutor
- A level Video guides mapped to topic areas:  
[https://www.youtube.com/playlist?list=PLkocNW0BSuEEMyVUCyaRPVj\\_cahCvjxAr](https://www.youtube.com/playlist?list=PLkocNW0BSuEEMyVUCyaRPVj_cahCvjxAr)