

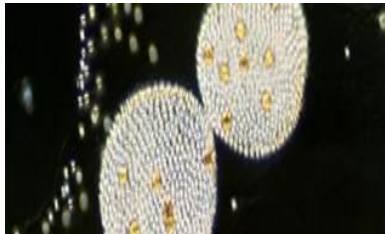
# A level Biology – Units 1-4



Chemical elements are joined together to form biological compounds

[Blended learning lessons](#)

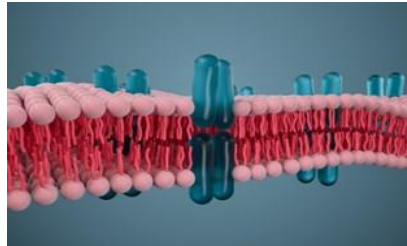
[Knowledge organiser](#)



Cell structure and organisation

[Blended learning lessons](#)

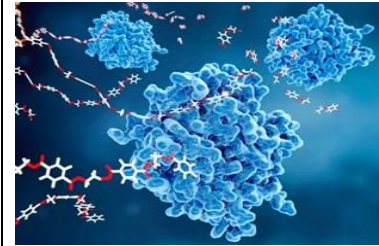
[Knowledge organiser](#)



Cell membranes and transport

[Blended learning lessons](#)

[Knowledge organiser](#)



Biological reactions are regulated by enzymes

[Blended learning lessons](#)

[Knowledge organiser](#)



Nucleic acids and their functions

[Blended learning lessons](#)

[Knowledge organiser](#)



Genetic information is copied and passed on to daughter cells

[Blended learning lessons](#)

[Knowledge organiser](#)



Exam walk through

[Unit 1](#)



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E-sgol lessons

[DNA - replication esgol lesson](#)

[Protein synthesis - esgol lesson](#)

# A level Biology – Units 1-4

|  |  |  |   |  |
|--|--|--|---|--|
|  |  |  | <p><u>The cell cycle – interphase, mitosis and cytokinesis – esgol lesson</u></p> <p><u>Meiosis and the cell cycle – esgol lesson</u></p> |  |
|--|--|--|---|--|

# A level Biology – Units 1-4



All organisms are related through their evolutionary history

[Blended learning lessons](#)

[Knowledge organiser](#)



Adaptations for gas exchange in animals

[Blended learning lessons](#)

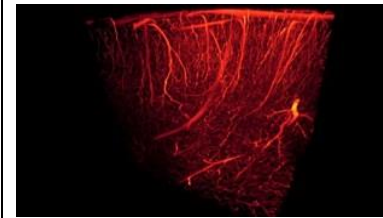
[Knowledge organiser](#)



Gas exchange in plants

[Blended learning lessons](#)

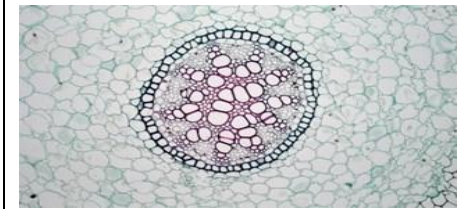
[Knowledge organiser](#)



Adaptations for transport in animals

[Blended learning lessons](#)

[Knowledge organiser](#)



Adaptations for transport in plants

[Blended learning lessons](#)

[Knowledge organiser](#)



Adaptations for nutrition

[Blended learning lessons](#)

[Knowledge organiser](#)



Exam walk through

[Unit 2](#)



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# A level Biology – Units 1-4



The importance of ATP  
[Knowledge organiser](#)



Photosynthesis uses light energy to synthesise organic molecules  
[Blended learning lessons](#)  
[Knowledge organiser](#)  
[Knowledge organiser](#)



Respiration releases chemical energy in biological processes  
[Blended learning lessons](#)  
[Knowledge organiser \(aerobic\)](#)  
[Knowledge organiser \(anaerobic\)](#)



Microbiology  
[Blended learning lessons](#)  
[Knowledge organiser](#)



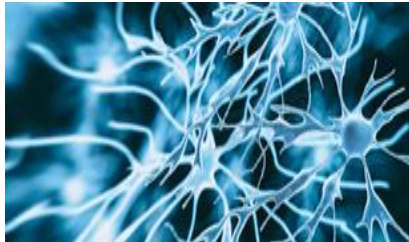
Population and ecosystems  
[Blended learning lessons](#)  
[Knowledge organiser](#)



Human impact on the environment  
[Blended learning lessons](#)



Homeostasis and the kidney  
[Blended learning lessons](#)



The nervous system  
[Blended learning lessons](#)



Exam walk through  
[Unit 3](#)



Revision Guide (2015 specification)  
[Unit 3](#)

# A level Biology – Units 1-4

|  |  |  |  |  |
|--|--|--|--|--|
| <p><u>Knowledge organiser</u><br/>(<u>extinction and conservation</u>)</p> <p><u>Knowledge organiser</u><br/>(<u>deforestation and over-fishing</u>)</p> <p><u>Knowledge organiser</u><br/>(<u>planetary boundaries</u>)</p> <p><u>Resources</u> (<u>planetary boundaries</u>)</p> |  |  |  |  |
|--|--|--|--|--|

# A level Biology – Units 1-4



Sexual reproduction in humans

[Blended learning lessons](#)

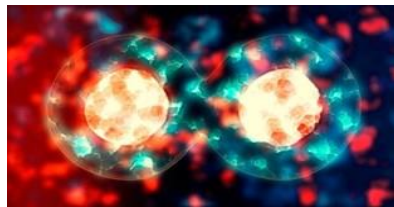
[Knowledge organiser](#)



Sexual reproduction in plants

[Blended learning lessons](#)

[Knowledge organiser](#)



Inheritance

[Blended learning lessons](#)

[Knowledge organiser](#)



Variation and evolution

[Blended learning lessons](#)

[Knowledge organiser](#)

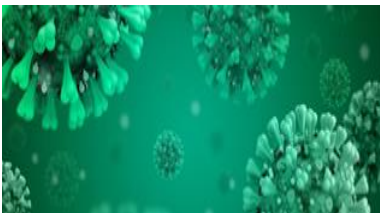


Application and reproduction of Genetics

[Blended learning lessons](#)

[Knowledge organiser](#)

[Resources](#)



Immunology and disease

[Blended learning lessons](#)

[Resources](#)



Human Musculoskeletal Anatomy

[Blended learning lessons](#)

[Knowledge organiser](#)

[Resources](#)



Neurobiology and behaviour

[Blended learning lessons](#)

[Resources](#)



Exam walk through

[Unit 4](#)



Revision Guide (2015 specification)

[Unit 4](#)