

Biology Part 1 Learning Journey 2017-2018

What's assessed? Biology topics 1-4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed? Written exam: 1 hour 15 minutes. Foundation and higher tier. 70 marks. 16.7% GCSE

Types of questions. Multiple choice, structured, closed short answer and open response.

Key ideas

- Life processes depend on molecules whose structure is related to their function.
- The fundamental units of living organisms are cells, which may be part of highly adapted structures including tissues, organs and organ systems, enabling living processes to be performed effectively.
- Life on Earth is dependent on photosynthesis in which green plants and algae trap light from the Sun to fix carbon dioxide and combine it with hydrogen from water to make organic compounds and oxygen.

Week	Topic	Key concepts	Assessment
1	4.1 Cell biology	The structural and functional differences between types of cells.	
2			
3			
4			
5	4.2 Organisation	The structure and function of the different systems in humans and plants. The effect of damage to these systems.	
6			
7			
8			
9	4.3 Infection and response	The different types of pathogens and the diseases caused. Transmission and prevention of the spread of pathogens.	
10			
11			
12	4.4 Bioenergetics	The processes of photosynthesis and respiration.	
13			
14			

Year 9 assessment points	Date
ASSESSMENT 1	W/B 9TH OCT
ASSESSMENT 2	W/B 4TH DEC
ASSESSMENT 3	W/B 29TH JAN
ASSESSMENT 4	W/B 19TH MAR
ASSESSMENT 5	W/B 14TH MAY
ASSESSMENT 6	W/B 2ND JULY