## **AQA: Biology**

## **Completion Date**

**July 2025** 

Cells



Exam technique/math skills



Genetic information, variation and relationships between organisms



RP6 – Aseptic techniques to investigate the effect of antimicrobial substances on microbial growth

Assessment point 3 w.c. 17<sup>th</sup>

Topic

STOP Assessment Point

Required practical

RP5 – Dissection of a mammal heart

Assessment point 2 w.c. 4<sup>th</sup> March

Organisms exchange substances with their environment



RP3 – Production of a dilution series of a solute to produce a calibration curve with which to identify the water potential of a plant tissue

RP2 – Preparation of stained squashes of cells from plant root tips

RP4 – Investigation into the effect of a named variable on the permeability of cell surface membranes



Assessment point 1 w.c. 20th November

RP1 - Investigation into the effect of a named variable on the rate of an enzyme controlled reaction





START

**Biological Molecules** 





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**Assessment Point** 

Required practical



Exam technique/math skills/revision



The control of gene expression



Genetics, populations, evolution and ecosystems



RP12 - Investigation into the effect of a named environmental factor on the distribution of a given species



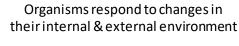
RP11 - Use of colorimetric techniques to produce a calibration curve with which to identify the concentration of glucose in an unknown 'urine' sample

Assessment point 2 w.c. 29th January environmental variable on the movement of an animal

RP10 - Investigation into the effect of an

STOP

RP9 - Investigation into the effect of a named variable on the rate of respiration of cultures of single celled organisms





RP8 - Investigation into the effect of a named factor on the rate of dehydrogenase activity in extracts of chloroplasts

Assessment point 1 w.c. 16th October



RP7 – Use of chromatography to investigate pigments isolated from leaves of different plants



**Energy transfers** between organisms





