



Biology

Please complete one line from the task list below. All students must complete the middle task as part of their line. Please use the specification for support, the link of which is below:

Describe how to test for starch, lipids, proteins, reducing and non reducing sugars.	Write 5 facts about how enzymes work.	Explain the effect of temperature on enzymes. keywords: denature, active site, substrate, kinetic energy, enzyme-substrate complexes.
Explain the effect of pH on enzymes. Use a sketch of a graph as part of your answer.	Write 1 paragraph about each of the structures of carbohydrates, proteins and fats. Keywords to use: monomers, polymers, condensation, hydrolysis,	Describe how the disaccharides; maltose, sucrose and lactose are formed.
Link the basic structure and functions of glycogen, starch and cellulose.	Explain the effect of substrate concentration on the rate of enzyme actions.	Compare and contrast competitive inhibition and non-competitive inhibition on enzyme action.

Suggested resource list:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/specification-at-a-glance>

<http://astarbiology.com/a-level/aqa/notes/>

<https://www.s-cool.co.uk/a-level/biology/biological-molecules-and-enzymes>

Wider Reading:

<https://www.aqa.org.uk/subjects/science/as-and-a-level-biology-textbooks>