

Revision for year 12

Unit 2 Molecules, biodiversity, food and health (F212)

Module 1 Biological molecules

1. Biochemistry and metabolism
2. Biochemical and bonds
3. Carbohydrates 1: simple sugars
4. Carbohydrates 2: energy storage
5. Carbohydrates 3: structural units
6. Amino acids-the monomers of proteins
7. Proteins from amino acids
8. Levels of protein structure
9. Proteins in action
10. Lipids are not polymers
11. Essential oils?
12. Water-a vital biological molecule
13. Practical biochemistry-1
14. Practical biochemistry-2
15. Nucleotides-coding molecules
16. DNA-information storage
17. Reading the instruction
18. Enzymes are globular proteins
19. Inside and out-where enzymes work best
20. Enzymes action
21. Enzymes and temperature
22. Enzymes at work-pH effects
23. Enzymes at work-concentration effects
24. Enzymes at work-inhibitors of action
25. Enzymes at work-coenzymes and prosthetic groups
26. Interfering with enzymes-poisons and drugs
27. Investigating enzyme action-1
28. Investigating enzyme action -2
29. Enzymes and metabolism-an overview