

Year 9 AP 2 – Science

How to revise Science:

Memorise the facts

- Make flash cards
- Produce mind maps
- Write the information in a book

Practice answering questions

- Use online tests
- Use Tassomai
- Use BBC bitesize multichoice tests at the end of units

Additional Information:

You will be assessed on the science knowledge and the science skills

How Science Work Skills that will also be assessed on the AP2

1. Know the difference between a hazard and a risk
2. Recognise common hazard symbols and pieces of equipment
3. Understand the scientific context of the words accurate, precise and reliable
4. Write numbers into standard form and back to ordinary numbers
5. Identify trends from tables of data
6. Identify trends from graphs
7. Recognise anomalous values
8. Calculate mean and ranges from data
9. Identify dependent, independent and control variables in an investigation
10. Drawing conclusions from investigation data
11. Draw line graphs, labelling the graph axes and choosing an appropriate scale
12. Draw a line of best fit on a graph

Topics to Look at for your revision include:

Physics

1. States of matter
2. Chemical vs physical changes
3. Forces including gravity and friction
4. Which materials are magnetic
5. Thermal conductors and insulators
6. Light – reflection
7. Energy transfers
8. Sun, Moon and Earth

Biology

1. Adaptation of organisms for their environment
2. Food chains
3. Variation in organisms
4. Animal and plant cells and their differences
5. Specialised cells
6. Reproduction and fertilisation
7. Word equation for photosynthesis
8. Evolution

Chemistry

1. Materials and their uses
2. Oxidation reactions
3. Acids, alkalis and pH scale
4. Solutions, solute and solvents
5. Elements, Compounds and mixtures
6. Periodic table arrangement
7. Chemical reactions: Reactants and products