

Year 10 Revision List (Chemistry)

1. Acids and alkalis.
2. Universal Indicator- colours and pHs.
3. Reactions of metals with oxygen, water and acid.
4. Displacement reactions.
5. The atom.
 - Protons
 - Neutrons
 - Electrons
 - Atomic Number
 - Mass Number
6. Elements, compounds and mixtures.
7. Periodic table
 - Groups
 - Metals and non-metals.
8. Endothermic and exothermic reactions.

Biology Revision List.

Wednesday 21st June 11.15-12.15

1. Genes, chromosomes, nucleus.
2. Continuous and discontinuous variation.
3. Photosynthesis
 - Testing a leaf for starch
 - Measuring the rate of photosynthesis
 - Equation for photosynthesis
 - Structure of a leaf
 - Palisade cells
4. Global warming.
5. Root hair cell.
6. Using a microscope and preparing and looking at onion cells.
7. Food chains and food webs.

Year 10 Physics Revision List

1. Waves

- Amplitude
- Frequency
- Wavelength

2. The wave equation

Speed = frequency \times wavelength

3. Ultrasound

4. The electromagnetic spectrum

5. Electromagnets

6. The electric bell

7. Magnets

8. Series and parallel circuits

9. Measuring current