

Revision List for Paper 1a (**Week of 19th April**)

| Topic | Revision Pack (Prioritise Youtube Videos in revision pack unless stated otherwise) |
|---------------------------------------|--|
| Immunity | The Immune System |
| Working with Significant Figures | In Class |
| Natural Selection | Evolution |
| Domains (Classification) | Classification - bitesize link |
| Balancing Equations | Core Skills - Balancing Equations |
| Formula Mass | Formula Mass |
| Electronic Configuration | Atomic Structure |
| Covalent Bonding Dot & Cross Diagrams | Covalent Bonding |
| Reaction of Carbonates | Acids & Bases - GCSE Pod |
| Filtration & Chromatography | Separation Techniques |
| Calculating Rate Using a Tangent | In Class |
| Momentum | Momentum |
| Standard Form | Core Skills - Standard Form |
| *Crumple Zones - Essay | Stopping Distances |

Revision List for Paper 1b (**Week of 19th April**)

| Topic | Revision Pack |
|--|---|
| Factors Affecting Enzyme Activity (RP) | Enzymes |
| How Enzymes work | Enzymes |
| BMI | Diabetes (Paper 2 section) |
| Treating CVD | Cardiovascular Disease |
| Atomic Structure | Atomic Structure |
| Metal Reactivity | Group 1 - Alkali Metals (Paper 4 Section) |
| *Properties of Ionic, Simple Covalent and metallic substances (Essay Question) | Ionic Bonding Covalent Bonding Metal Properties |
| Isotopes | Atomic Structure & Isotopes |
| Radioactive Decay | Types of Radiation Radioactive Decay |
| Half Life | Half Life |
| Radioactivity & Safety | Dangers of Radioactivity |
| Percentage Difference | In class |
| Speed of Sound | Wave Properties Wave Speed |
| Transverse Vs Longitudinal Waves | Wave Properties |

Revision List for Paper 2a (**Week of 24th May**)

| Topic | Revision pack |
|--|---|
| Plant/leaf structure | Photosynthesis |
| Transport in plants | Translocation |
| Non-indigenous species | Ecosystems |
| Hormones (thyroxine) and negative feedback | Controlling metabolic rate |
| The Menstrual Cycle (6 mark) | The Menstrual Cycle |
| Rates of reaction | Rates of reaction |
| Reactions of group 1 metals | Group 1 - the Alkali Metals |
| Concentration calculations | https://www.bbc.co.uk/bitesize/guides/z2ty97h/revision/5 |
| Investigating springs (RP) | Extension and Energy transfer |
| Magnetic fields and Forces | Magnetism & Magnetic forces |

Revision List for Paper 2b (Week of 24th May)

| Topic | Revision pack topic |
|---|---|
| Exercise and heart rate | Respiration/The Heart |
| Cardiac output | The Heart |
| Core skills: mean and % change and drawing a graph | In class |
| Components of blood | The Circulatory System |
| Structure plant/animal cells | Cells and microscopes |
| Products of photosynthesis | Photosynthesis |
| Combustion of hydrocarbons | Hydrocarbon fuels |
| Bond energy calculations | https://www.bbc.co.uk/bitesize/guides/zg84y4j/revision/4 |
| Noble gases | Group 0 - the Noble Gases |
| Ionic equations/balancing equations | Balancing equations |
| Alkali metals | Group 1 - The Alkali Metals |
| Simple covalent molecules | Covalent bonding/bonding molecules |
| Forces (6 mark) and vector diagrams | Forces and their effects |
| Components in a circuit/calculating and describing resistance | Electric circuits/Resistance |