

| Week commencing | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|-----------------|---|--|--|---|--|---|---|
| 27/01/2020 | B5- Homeostasis + response Nervous system | Endocrine system | Control of blood glucose | Menstrual cycle | Contraception IVF (HT only) | RPA 6- Reaction Time Review all B5 key knowledge and use quiz to test | B7- Ecology Communities |
| 03/02/2020 | Biotic + Abiotic Adaptatons | Organisation | Cycles | Waste management + land use | Deforestation + Global warming | Biodiversity + Managing Biodiversity | RPA 7- Measuring population size Review all B7 key knowledge |
| 10/02/2020 | P5- Forces 1: Key terms | 2: Equations | 3: Elasticity | 4: Forces and braking | 5a: Motion | Distance-time graph Velocity-time graph 5b: Typical values of speed | 6: Newton's Laws Momentum (HT only) |
| 17/02/2020 | RPA 18 (extension of a spring) + 19 (acceleration) Review all P5 key knowledge and test using quiz | P6- Waves 1: Describing waves Measuring the speed of sound 3: Equations to learn | 2: 4: Refraction diagrams 5: EM spectrum 6: Properties of EM waves and sound waves | 3: Uses and risks of EM radiation RPA 20 (waves) + 21 (infrared) Review all P6 key knowledge and use quiz to test | C6- Rate and extent of chemical change Rates of reaction Factors affecting rate of reaction | Measuring rates of reaction RPA 11- Rates of reaction Rate graphs | Reversible reactions Le Chatelier's principle (HT only) Review all key knowledge for C5 and 6 and quiz |
| 24/02/2020 | C7- Organic Chemistry Hydrocarbons | Fractional distillation | Cracking | Review all key knowledge for C7 and quiz | C8- Chemical Analysis Purity and formulations | Paper chromatography + RPA 12 (chromatography) Tests for gases | Review all key knowledge for C8 and 9 and quiz |
| 02/03/2020 | C9- Chemistry of the atmosphere Evolution of the atmosphere | Greenhouse gases and climate change | Carbon footprint | Air pollution | C10- Using resources Finite and renewable resources Reuse and recycling | Life cycle assessments Potable water RPA 13- Testing water | Waste water treatment Review all key knowledge for C8 and 9 and quiz |
| 09/03/2020 | P7- Magnetism + Electromagnetism 1: Magnetism key terms | 2: Electromagnetism key terms | 3: Increasing the force of a solenoid | Review all P7 key knowledge and use quiz to test | B6- Inheritance, variation + evolution Sexual and asexual reproduction | Meiosis and Mitosis and DNA + the genome | Genetic Inheritance keywords Inherited disorders Sex determination |
| 16/03/2020 | Variation and evolution | Natural selection | Selective breeding | Genetic engineering Review all B6 key knowledge and use quiz to test | Bio Paper 2 Qs | Chem Paper 2 Qs | Phy paper 2 Qs |

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| 23/03/2020 | Paper 2 mock exams | Paper 2 mock exams | Paper 2 mock exams | B1- Cell biology Cell structures | Cell specialisation and differentiation | 3: Microscopy, including RPA 1 Chromosomes Mitosis and the cell cycle Stem cells | Diffusion Osmosis Active transport Surface area: volume ratio RPA 2- Osmosis Review all B1 key knowledge |
| 30/03/2020 | B2- Organisation Cells, tissues, organs and systems Enzymes Digestion | Food Tests, to include RPA The Lungs Circulatory system | Blood vessels Blood | Coronary heart disease Health issues | Effect of lifestyle on non-communicable diseases Cancer | Plant tissues Transpiration and translocation | Review all B2 key knowledge and test using quiz |
| 06/04/2020 | B3- Infection + Response Communicable disease Viral, bacterial, fungal, protist diseases | Human defence systems Vaccinations Antibiotics and painkillers Discovery and development of drugs | Review all B3 key knowledge and test using quiz B4- Bioenergetics Photosynthesis Respiration | Metabolism Respiration and exercise Review all B4 key knowledge | P1- Energy Energy stores and methods of transfer 2: Equations to learn | 3: Energy resources 4: Key terms | RPA 14- specific heat capacity Review P1 key knowledge and test using quiz |
| 13/04/2020 | P2- Electricity 1: Circuit symbols 2: Equations to learn | 3: Key terms 4: V, I in series and parallel RPA 15- resistance RPA 16- IV characteristics | 5: IV graphs 6: The three core cables 7: Mains electricity Review all P2 key knowledge and test using quiz | P3- Particle Model of Matter 1: Key terms 2: Equations to learn 3: Explaining a heating curve RPA 17- density | Review all P3 key knowledge and test using quiz P4- Atomic Structure 1: Key terms | 2: Development of the atomic model 3: Properties of sub-atomic particles 4: Nuclear radiation | 5: Nuclear decay equations 6: Finding half life Review all P4 key knowledge and test using quiz |
| 20/04/2020 | C1: Atomic Structure + Periodic Table Atoms Elements | Compounds Chemical equations | Mixtures and chromatography More separation techniques | Distillation History of the atom | Electronic structure | development of periodic table Modern periodic table Metals and non-metals | Group 1 Group 7 Group 0 |
| 27/04/2020 | Review C1 and test using quiz | C2- Bonding, structure + properties Formation of ions Ionic bonding | Ionic compounds | Covalent bonding Simple molecular substances | Polymers and giant covalent structures | Allotropes of carbon Metallic bonding States of matter Changing state | Review all C2 key knowledge and test using quiz C3- Quantitative Chem Relative formula mass |
| 04/05/2020 | Conservation of mass | C4- Chemical changes Acids and bases Strong and weak acids (HT only) Reactions of acids to include RPA 8- making a salt | Reactivity series Separating metals from metal oxides Redox reactions (HT only) | Electrolysis RPA 9- electrolysis Review C4 and quiz | C5- Energy Changes Exothermic/ endothermic RPA 10- temperature change in reactions | Paper 1 exam practise | Review all B1-B4 Paper 1 key knowledge |
| 11/05/2020 | Review all B1-B4 Paper 1 key knowledge | B1 Exam | Review all C1-C5 Paper 1 key knowledge | C1 Exam | | Review all P1-P4 Paper 1 key knowledge | Review all P1-P4 Paper 1 key knowledge |

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| 18/05/2020 | | | P1 exam | | | | |
| 25/05/2020 | Review all Paper 2 key knowledge for Bio/ Chem/ Physics | Review all Paper 2 key knowledge for Bio/ Chem/ Physics | Review all Paper 2 key knowledge for Bio/ Chem/ Physics | Review all Paper 2 key knowledge for Bio/ Chem/ Physics | Review all Paper 2 key knowledge for Bio/ Chem/ Physics | Review all Paper 2 key knowledge for Bio | Review all Paper 2 key knowledge for Bio |
| 01/06/2020 | B2 Exam | | | | | | |
| 08/06/2020 | Review all Paper 2 key knowledge for Chem | Review all Paper 2 key knowledge for Chem | C2 Exam | Review all Paper 2 key knowledge for Phy | P2 Exam | | |