Course : Science Combined Higher

Teachers : Ms Scott/Mr Merton/Ms Mohammed

HOW TO USE THE CGP REVISION BOOKS

Our goal is to review a small section of the specification for each science, each week and complete the **20 minutes CGP revision workbook tasks.**

TO DO THIS YOU MIGHT

1. Review the section for this week in the **Oxford Revise AQA knowledge, retrieval and practice textbooks**.

   Make this an active process. Do not just read. 12

   You could:

   - Note down important things on scrap paper.
   - Make question and answer cards.
   - Cover the book page and see what you can remember on a blank paper.
   - Watch videos to explain the ideas that you find difficult - Seneca and freesciencelessons are good for this.

2. Complete the **EXAM PRACTICE CGP WORKBOOK** pages of questions. Mark these (be strict, do not give yourself the mark unless you truly have the correct answer) – self – mark in green pen, writing in the correct answers.
3. Record your scores in the bottom of the CGP revision guides and the paper tracker your teacher will hand out.

4. Review sections you are still getting wrong – this is a good thing to ask your teacher about at the end of a lesson/ in the morning before school/ sending a message by email or on MTeams.

REMEMBER

This is a weekly task. All students expected to complete the weekly tasks, self-mark and record their scores.

Remember to take breaks if it gets too much. It is generally good practice to work for 30 minutes then take a 5-minute break before returning to it.

Please return the books at the end of your exams. We will have a table outside the last exam to collect them. Then other students will benefit from them too.

Thank you in advance and good luck!

Science Combined (Higher Tier)				
Week /date	**Topic Name**	**Textbook Revision Guide Pages**	**CGP Workbook Pages**	**Score**
21/11/22	Topic B1 - Cells, Microscopy	2-11	1-3	
	Topic C1 - Atoms, Elements	184-193	100-101	
	Topic P1 - Energy stores and systems, Kinetic and potential energy stores	336-345	192-193	
28/11/22	Topic B1 - More on microscopy, Cell differentiation and specialisation	2-11	4-5	
	Topic C1 - Compounds, Chemical equations	184-193 & 224-233	102-103	
	Topic P1 - Specific heat capacity, Conservation of energy and power	376-385	194-196	
05/12/2022	Topic B1 - Chromosomes and mitosis, stem cells	22-31	6-7	
	Topic C1 - Mixtures and Chromatography, More separation techniques	185-187	104-105	
	Topic P1 - Reducing unwanted energy transfers, Efficiency	336-345	198-200	
12/12/2022	Topic B1 - Diffusion, Osmosis	12-21	9-10	
	Topic C1 - Distillation, The history of the atom	295-303 & 184-193	106-108	
	Topic P1 - Energy resources and their uses, Trends in energy resource use	346-355	202-204	
19/12/2022 Christmas break	Topic B1 - Active transport, Exchange surfaces, Exchanging substances	12-21	12-14	
	Topic C1 - Electronic structure, Development of the periodic table, The modern periodic table	204-223	110-112	
	Topic P2 - Current and circuit symbols, Resistance and V=IR, Resistance and I-V Characteristics	366-375	205-207	
02/01/2023	Topic B1 - More on exchanging substances Topic B2 - Cell organisation	12-21 32-41	15-16	
	Topic C1 - Metals and Non-metals, Group 1 elements	234 & 214-223	113-114	
	Topic P2 - Circuit devices, Series circuits	366-375	210-211	
09/01/2023	Topic B2 - Enzymes, Investigating enzymatic reactions	42-51	17-18	

	Topic C1 - Group 7 elements, Group 0 elements	214-223	115-117	
	Topic P2 - Parallel circuits, Investigating resistance	366-375	212-213	
16/01/2023	Topic B2 - Enzymes and digestion, Food tests	42-51 & 35	19-21	
	Topic C2 - Formation of ions, Ionic bonding	204-213	118-119	
	Topic P2 - Electricity in the home, Power of Electrical appliances	356-365	214-215	
23/01/2023	Topic B2 - The lungs, Circulatory system – The heart	32-41	22-23	
	Topic C2 - Ionic compounds, Covalent bonding	194-213	121-123	
	Topic P2 - More on Power, The National grid	356-365	217-218	
30/01/2023	Topic B2 - Circulatory system – Blood vessels, Blood	33-41	24-26	
	Topic C2 - Simple Molecular substances, Polymers and giant covalent substances	194-203	125-127	
	Topic P3 - The Particle model and Motion in gases, Density of materials	386-395 & 376-385	219-221	
06/02/2023	Topic B2 - Cardiovascular disease, Health and disease	82-91	27-29	
	Topic C2 - Allotropes of carbon, Metallic bonding	204-213	128-129	
	Topic P3 - Internal energy and changes of state, Specific latent heat	376-385	223-224	
13/02/2023 Half-term holidays	Topic B2 – Risk factors for non- communicable disease, Cancer, Plant cell organisation	82-91 & 52-61	30-33	
	Topic C2 – States of matter, Changing state Topic C3 – Relative formula mass	194-203 224-233	130-132	
	Topic P4 – Developing the model of the atom, Isotopes and Nuclear energy, nuclear equations	386-395 & 396-405	226-231	
20/02/2023	Topic B2 – Transpiration and Translocation, Transpiration and stomata	52-61	34-35	
	Topic C3 – The mole, Conservation of mass	224-233	133-134	
	Topic P4 – Half-life, Irradiation and contamination	396- 405	232-234	
28/02/2023	Topic B3 – Communicable disease, Viral, fungal and protist diseases	62-71	37-38	
	Topic C3 – The mole and equations, Limiting reactions	224-233	137-139	
	Topic P5 – Contact and non-contact forces, Weight, Mass and gravity	406-415	235-236	