

**Course: Combined Science Foundation**  
**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 (foundation Tier)

Week /date	Topic Name	Textbook Revision Guide Pages	CGP Workbook Pages	Score
21/11/2022	Topic B1 - Cell biology cells, microscopy	2-11	2-3	
	Topic C1 - Atoms, Elements	180-189	90-91	
	Topic P1 - Energy stores and systems, Conservation of Energy and Energy transfers	318-325	165-166	
28/11/2022	Topic B1 - Cell differentiation and Specialisation, Chromosomes and Mitosis	2-11 22-31	4-5	
	Topic C1 - Compounds, Chemical equations	181-189, 220-229	92-93	
	Topic P1 - Kinetic and potential energy stores, Energy transfers by heating	318-325	167-168	
05/12/2022	Topic B1 - Stem cells, Diffusion	12-31	6-7	
	Topic C1 - Mixtures, Chromatography	181-189, 287-295	94-95	
	Topic P1 - Investigating specific heat capacity, Power	321, 357-365 & 336-345	169-171	
12/12/2022	Topic B1 - Osmosis, Active transport	12-21	8-10	
	Topic C1 - More separation techniques, Distillation	181-189, 277-285	96-97	
	Topic P1 - Reducing unwanted Energy transfers, Efficiency	318-325	172-173	
<b>19/12/2022</b> <b>Christmas break</b>	Topic B1 - Exchanging substances, More on exchanging substances	13-21	11-12	
	Topic B2 - Cell organisation, Enzymes	32-41, 42-51	14-15	
	Topic C1 - The history of the atom, electronic structure, Development of the periodic table, The modern periodic table	180-189 210-219	99-102	
	Topic P1 - Energy resources and their uses, Wind, solar and Geothermal, Hydroelectricity, waves and tides, Biofuels and Non-renewables	326-335	175-178	
02/01/2023	Topic B2 - Investigating Enzymatic reactions, Enzymes and digestion	42-51	16-17	

	Topic C1 - Metals and non-metals, Group 1 elements	201, 210-219	102-104	
	Topic P1 – Trends in energy resource use Topic P2 – Current and circuit symbols	326-335 346-355	179-180	
09/01/2023	Topic B2 – Food tests, The lungs	35-41, 32-41	18-19	
	Topic C1 Group 7 elements, Group 0 elements	210-219	105-106	
	Topic P2 – Resistance and $V=IR$ , Investigating resistance	346-355	181-182	
16/01/2023	Topic B2 – Circulatory system – The heart, Blood vessels	32-41	20-21	
	Topic C2 - Formation of ions, Ionic bonding	200-209	107-108	
	Topic P2 – I-V characteristics, Circuit devices	346-355	183-185	
23/01/2023	Topic B2 – Circulatory system – Blood, Cardiovascular disease	32-41, 82-91	23-24	
	Topic C2 – Ionic compounds, Covalent bonding	200-209, 190-199	109-110	
	Topic P2 – Series circuit, Parallel circuits	346-355	186-187	
30/01/2023	Topic B2 – More on cardiovascular disease, Health and disease	82-91	25-26	
	Topic C2 – Simple molecular substances, Polymers and giant covalent substances	190-199	111-113	
	Topic P2 – Investigating circuits, Electricity in the home	336-345	188-189	
06/02/2023	Topic B2 – Risk factors for non-communicable diseases, Cancer	82-91	27-29	
	Topic C2 – Structures of carbon, Metallic bonding	200-209	114-115	
	Topic P2 – Power of electrical appliances, More on power	337	190-192	
<b>13/02/2023</b> <b>Half-term holidays</b>	Topic B2 – Plant cell organisation, Transpiration and translocation, Transpiration and stomata	52-61	30-32	
	Topic C2 – States of matter, Changing state	190-199	116-117	
	Topic P2- The national grid Topic P3 – The particle model and motion in gases	336-345 366-375 & 356-365	193 194	
20/02/2023	Topic B3 – Communicable disease, Bacterial diseases	62-81	33-34	
	Topic C3 – Relative formula mass, Conservation of mass	220-229	118-119	
	Topic P3 – Density of materials, Internal energy and changes of state	356-365	195-196	
28/02/2023	Topic B3 – Viral diseases, Fungal and protist diseases	62-81	35-36	
	Topic C3 – Concentrations of solutions Topic C4 – Acids and bases	221-229 231-239	122 123	
	Topic P3 – Specific latent heat Topic P4 – The current model of the atom	356-365 366-375	197 199	

