IGCSE Co-ordinated Sciences

Scheme of Work · 教学计划

A starting allocation over 30 teaching weeks, weighted by each topic's syllabus statements — adjust to your own calendar. The last column lists the Library material that already covers the topic. 这是按各主题的大纲条目数分配的起始教学计划, 可按实际校历调整; 最后一栏列出资料库中已有的配套材料。

Weeks	Topic	Subtopics	Library material
1	**B1. Characteristics of living organisms** 生物的特征	B1.1	—
2	**B2. Cells** 细胞	B2.1, B2.2	—
3	**B3. Movement into and out of cells** 物质进出细胞	B3.1, B3.2, B3.3	—
4	**B4. Biological molecules** 生物分子	B4.1	—
5	**B5. Enzymes** 酶	B5.1	—
6	**B6. Plant nutrition** 植物营养	B6.1, B6.2	—
7	**B7. Human nutrition** 人体营养	B7.1, B7.2, B7.3	—
8	**B8. Transport in plants** 植物体内的运输	B8.1, B8.2, B8.3, B8.4	—
9	**B9. Transport in animals** 动物体内的运输	B9.1, B9.2, B9.3, B9.4	—
10	**B10. Diseases and immunity** 疾病与免疫	B10.1	—
11	**B11. Gas exchange in humans** 人体气体交换	B11.1	—
12	**B12. Respiration** 呼吸作用	B12.1	—
13	**B13. Coordination and response** 协调与反应	B13.1, B13.2, B13.3	—
14	**B14. Drugs** 药物	B14.1	—
15	**B15. Reproduction** 生殖	B15.1, B15.2, B15.3, B15.4, B15.5	—
16	**B16. Inheritance** 遗传	B16.1, B16.2, B16.3	—
17	**B17. Variation and selection** 变异与选择	B17.1, B17.2	—

Weeks	Topic	Subtopics	Library material
18	**B18. Organisms and their environment** 生物与环境	B18.1, B18.2, B18.3	—
19	**B19. Human influences on ecosystems** 人类对生态系统的影响	B19.1, B19.2	—
20	**C1. States of matter** 物质的状态	C1.1, C1.2	—
21	**C2. Atoms, elements and compounds** 原子、元素和化合物	C2.1, C2.2, C2.3, C2.4, C2.5, C2.6, C2.7	—
22	**C3. Stoichiometry** 化学计量	C3.1, C3.2, C3.3	—
23	**C4. Electrochemistry** 电化学	C4.1, C4.2	—
24	**C5. Chemical energetics** 化学能量变化	C5.1	—
25	**C6. Chemical reactions** 化学反应	C6.1, C6.2, C6.3	—
26	**C7. Acids, bases and salts** 酸、碱和盐	C7.1, C7.2, C7.3	—
27	**C8. The Periodic Table** 元素周期表	C8.1, C8.2, C8.3, C8.4, C8.5	—
28	**C9. Metals** 金属	C9.1, C9.2, C9.3, C9.4, C9.5, C9.6	—
29	**C10. Chemistry of the environment** 环境化学	C10.1, C10.2	—
30	**C11. Organic chemistry** 有机化学	C11.1, C11.2, C11.3, C11.4, C11.5, C11.6, C11.7	—
31	**C12. Experimental techniques and chemical analysis** 实验技术与化学分析	C12.1, C12.2, C12.3, C12.4, C12.5	—
32	**P1. Motion, forces and energy** 运动、力和能量	P1.1, P1.2, P1.3, P1.4, P1.5, P1.6, P1.7	—
33	**P2. Thermal physics** 热物理	P2.1, P2.2, P2.3	—
34	**P3. Waves** 波	P3.1, P3.2, P3.3, P3.4	—
35	**P4. Electricity and magnetism** 电与磁	P4.1, P4.2, P4.3, P4.4, P4.5	—
36	**P5. Nuclear physics** 核物理	P5.1, P5.2	—

Weeks	Topic	Subtopics	Library material
37	**P6. Space physics** 空间物理	P6.1, P6.2	—