IGCSE Chemistry

Scheme of Work · 教学计划

A starting allocation over 30 teaching weeks, weighted by each topic's syllabus statements and share of past-paper marks — 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与真题分值占比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
1–2	**1. States of matter** 物质的状态	1.1, 1.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 2 exercise sheets · 2 past-paper sheets · Unit test
3–5	**2. Atoms, elements and compounds** 原子、元素与化合物	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7	Handout · 9 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 7 exercise sheets · 7 past-paper sheets · Unit test
6–7	**3. Stoichiometry** 化学计量	3.1, 3.2, 3.3	Handout · 9 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 2 past-paper sheets · Unit test
8–9	**4. Electrochemistry** 电化学	4.1, 4.2	Handout · 4 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 2 exercise sheets · 2 past-paper sheets · Unit test
10	**5. Chemical energetics** 化学能量学	5.1	Handout · 3 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 1 exercise sheet · 1 past-paper sheet · Unit test
11–13	**6. Chemical reactions** 化学反应	6.1, 6.2, 6.3, 6.4	Handout · 6 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 4 exercise sheets · 4 past-paper sheets · Unit test
14–15	**7. Acids, bases and salts** 酸、碱与盐	7.1, 7.2, 7.3	Handout · 5 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 3 past-paper sheets · Unit test
16–17	**8. The Periodic Table** 元素周期表	8.1, 8.2, 8.3, 8.4, 8.5	Handout · 5 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 5 exercise sheets · 5 past-paper sheets · Unit test
18–19	**9. Metals** 金属	9.1, 9.2, 9.3, 9.4, 9.5, 9.6	Handout · 6 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 6 exercise sheets · 6 past-paper sheets · Unit test
20–21	**10. Chemistry of the environment** 环境化学	10.1, 10.2, 10.3	Handout · 4 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 3 past-paper sheets · Unit test

Weeks	Topic	Subtopics	Library material
22–25	**11. Organic chemistry** 有机化学	11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8	Handout · 8 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 8 exercise sheets · 7 past-paper sheets · Unit test
26–30	**12. Experimental techniques and chemical analysis** 实验技术与化学分析	12.1, 12.2, 12.3, 12.4, 12.5	Handout · 5 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 5 exercise sheets · 5 past-paper sheets · Unit test