AP 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
1–3	**1. Atomic Structure and Properties** 原子结构与性质	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8	Handout · 8 Learn lessons · Slide deck · Vocabulary list · 8 exercise sheets · 7 past-paper sheets · Unit test
4–6	**2. Compound Structure and Properties** 化合物的结构与性质	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7	Handout · 7 Learn lessons · Slide deck · Vocabulary list · 7 exercise sheets · 7 past-paper sheets · Unit test
7–10	**3. Properties of Substances and Mixtures** 物质与混合物的性质	3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.13	Handout · 13 Learn lessons · Slide deck · Vocabulary list · 13 exercise sheets · 12 past-paper sheets · Unit test
11–13	**4. Chemical Reactions** 化学反应	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9	Handout · 9 Learn lessons · Slide deck · Vocabulary list · 9 exercise sheets · 6 past-paper sheets · Unit test
14–16	**5. Kinetics** 化学动力学	5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11	Handout · 11 Learn lessons · Slide deck · Vocabulary list · 11 exercise sheets · 7 past-paper sheets · Unit test
17–19	**6. Thermochemistry** 热化学	6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9	Handout · 9 Learn lessons · Slide deck · Vocabulary list · 9 exercise sheets · 8 past-paper sheets · Unit test
20–22	**7. Equilibrium** 化学平衡	7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.11, 7.12	Handout · 12 Learn lessons · Slide deck · Vocabulary list · 12 exercise sheets · 10 past-paper sheets · Unit test
23–26	**8. Acids and Bases** 酸与碱	8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.10, 8.11	Handout · 11 Learn lessons · Slide deck · Vocabulary list · 11 exercise sheets · 11 past-paper sheets · Unit test
27–30	**9. Thermodynamics and Electrochemistry** 热力学与电化学	9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 9.10, 9.11	Handout · 11 Learn lessons · Slide deck · Vocabulary list · 11 exercise sheets · 9 past-paper sheets · Unit test