AP Physics C: Mechanics

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. Kinematics** 运动学	1.1, 1.2, 1.3, 1.4, 1.5	Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 3 past-paper sheets · Unit test
4–12	**2. Force and Translational Dynamics** 力与平动动力学	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10	Handout · 10 Learn lessons · Slide deck · Vocabulary list · 10 exercise sheets · 10 past-paper sheets · Unit test
13–17	**3. Work, Energy, and Power** 功、能与功率	3.1, 3.2, 3.3, 3.4, 3.5	Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 4 past-paper sheets · Unit test
18–20	**4. Linear Momentum** 线动量	4.1, 4.2, 4.3, 4.4	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 4 exercise sheets · 4 past-paper sheets · Unit test
21–24	**5. Torque and Rotational Dynamics** 力矩与转动动力学	5.1, 5.2, 5.3, 5.4, 5.5, 5.6	Handout · 6 Learn lessons · Slide deck · Vocabulary list · 6 exercise sheets · 6 past-paper sheets · Unit test
25–27	**6. Energy and Momentum of Rotating Systems** 转动系统的能量与动量	6.1, 6.2, 6.3, 6.4, 6.5, 6.6	Handout · 6 Learn lessons · Slide deck · Vocabulary list · 6 exercise sheets · 5 past-paper sheets · Unit test
28–30	**7. Oscillations** 振动	7.1, 7.2, 7.3, 7.4, 7.5	Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 4 past-paper sheets · Unit test