# A-Level Mathematics

**Scheme of Work · 教学计划**

A starting allocation over 56 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 |
|---|---|---|---|
| **1–11** | **1. Pure Mathematics 1**<br>纯数学 1 | 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8 | Handout · 8 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 8 exercise sheets · 8 past-paper sheets · Unit test |
| **12–19** | **2. Pure Mathematics 2**<br>纯数学 2 | 2.1, 2.2, 2.3, 2.4, 2.5, 2.6 | Handout · 6 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 6 exercise sheets · 6 past-paper sheets · Unit test |
| **20–31** | **3. Pure Mathematics 3**<br>纯数学 3 | 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9 | Handout · 7 Learn lessons · Slide deck · Vocabulary list · 9 exercise sheets · 9 past-paper sheets · Unit test |
| **32–40** | **4. Mechanics**<br>力学 | 4.1, 4.2, 4.3, 4.4, 4.5 | Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 5 past-paper sheets · Unit test |
| **41–48** | **5. Probability & Statistics 1**<br>概率与统计 1 | 5.1, 5.2, 5.3, 5.4, 5.5 | Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 5 past-paper sheets · Unit test |
| **49–56** | **6. Probability & Statistics 2**<br>概率与统计 2 | 6.1, 6.2, 6.3, 6.4, 6.5 | Handout · 5 Learn lessons · Slide deck · Vocabulary list · 5 exercise sheets · 5 past-paper sheets · Unit test |