IGCSE Computer Science

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. Data representation** 数据表示	1.1, 1.2, 1.3	Handout · 4 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 3 past-paper sheets · Unit test
4–6	**2. Data transmission** 数据传输	2.1, 2.2, 2.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
7–10	**3. Hardware** 硬件	3.1, 3.2, 3.3, 3.4	Handout · 4 Learn lessons · Slide deck · Vocabulary list · 4 exercise sheets · 4 past-paper sheets · Unit test
11–12	**4. Software** 软件	4.1, 4.2	Handout · 2 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 2 exercise sheets · 2 past-paper sheets · Unit test
13–15	**5. The internet and its uses** 互联网及其应用	5.1, 5.2, 5.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 3 past-paper sheets · Unit test
16–17	**6. Automated and emerging technologies** 自动化与新兴技术	6.1, 6.2, 6.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 3 exercise sheets · 3 past-paper sheets · Unit test
18–21	**7. Algorithm design and problem-solving** 算法设计与问题求解	–	Handout · 3 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
22–26	**8. Programming** 程序设计	8.1, 8.2, 8.3	Handout · 3 Learn lessons · Slide deck · Vocabulary list · Starter quiz · 3 exercise sheets · 3 past-paper sheets · Unit test
27–28	**9. Databases** 数据库	–	Handout · 2 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test
29–30	**10. Boolean logic** 布尔逻辑	–	Handout · 2 Learn lessons · Slide deck · Vocabulary list · 1 exercise sheet · 1 past-paper sheet · Unit test