

2-year course planner for Pearson International GCSE Computer Science (9 - 1)

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year 1, Term 1 (15 weeks)															
Lesson 1	Intro	Problem solving & programming				Computers	Representation of numbers					Programming languages	Hardware	OS	
Lesson 2	Problem solving & programming														OS

Weeks	1	2	3	4	5	6	7	8	9	10	11	12
Year 1, Term 2 (12 weeks)												
Lesson 1	Networks							Boolean logic			Data rep: text	
Lesson 2	Problem solving & programming					The bigger picture		Problem solving & programming		The bigger picture		Networks

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Year 1, Term 3 (14 weeks)														
Lesson 1	Data rep: images		Data rep: sound		Hardware: internal components					Comput. models	Network security			
Lesson 2	Problem solving & programming												Network security	

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year 2, Term 1 (15 weeks)															
Lesson 1	Prob solv & prog	Data storage and compression			Hardware: secondary storage			Internet & WWW				Encryption		Embedded systems	
Lesson 2	Problem solving & programming												Encryption		Big.Pict

Weeks	1	2	3	4
Year 2, Term 2 (4 weeks)				
Lesson 1	Bigger picture: Emerging trends			
Lesson 2	Problem solving & programming			

	Topic 1: Problem solving		Topic 4: Computers
	Topic 2: Programming		Topic 5: Communication and the internet
	Topic 3: Data		Topic 6: The bigger picture