

2a. OCR's GCSE (9–1) in Physics A (Gateway Science) (J249)

Learners are entered for either Foundation tier (Papers 1 and Paper 2) or Higher tier (Papers 3 and Paper 4).

Content Overview	Assessment Overview	
Foundation tier, grades 5 to 1		
<p>Content is split into eight teaching topics:</p> <ul style="list-style-type: none"> • Topic P1: Matter • Topic P2: Forces • Topic P3: Electricity • Topic P4: Magnetism and magnetic fields • Topic P5: Waves in matter • Topic P6: Radioactive decay – waves and particles • Topic P7: Energy • Topic P8: Global challenges <p>Paper 1 assesses content from Topics P1–P4.</p> <p>Paper 2 assesses content from Topics P5–P8, with assumed knowledge of Topics P1 – P4.</p>	<p>Paper 1</p> <p>J249/01</p> <p>90 marks</p> <p>1 hour 45 minutes Written paper</p>	<p>50% of total GCSE</p>
	<p>Paper 2</p> <p>J249/02</p> <p>90 marks</p> <p>1 hour 45 minutes written paper</p>	<p>50% of total GCSE</p>
Higher tier, grades 9 to 4		
<p>Content is split into eight teaching topics:</p> <ul style="list-style-type: none"> • Topic P1: Matter • Topic P2: Forces • Topic P3: Electricity • Topic P4: Magnetism and magnetic fields • Topic P5: Waves in matter • Topic P6: Radioactive decay – waves and particles • Topic P7: Energy • Topic P8: Global challenges <p>Paper 3 assesses content from Topics P1–P4.</p> <p>Paper 4 assesses content from Topics P5–P8, with assumed knowledge of Topics P1 – P4.</p>	<p>Paper 3</p> <p>J249/03</p> <p>90 marks</p> <p>1 hour 45 minutes written paper</p>	<p>50% of total GCSE</p>
	<p>Paper 4</p> <p>J249/04</p> <p>90 marks</p> <p>1 hour 45 minutes written paper</p>	<p>50% of total GCSE</p>