

Combined Science - Year 11 Revision Plan 2025 - 2026

Week Commencing	Curriculum Time	Homework/revision topic	Supporting resources	Further Support
24 th November 2025	Teacher 1 C6 Lesson 4 – The effect of temperature C6 Lesson 5 The effect of surface area	Sparks Science - Weekly homework task Independent learning on Sparks	Teacher 1 P139 – Foundation P143 – Higher https://www.youtube.com/watch?v=7i90fiz9SmY https://members.gcsepod.com/shared/search?search}=rate%20and%20extend%20of%20chemical%20chnage	Independent study on Sparks on the following areas: Rates of reaction – the effect of temperature and surface area. Waves – required practical wave speed in liquids. Complete knowledge organisers Ask your teachers for additional past
	Teacher 2 Lesson 3 P6 – Sound Lesson 4 P6 – Waves speed – liquid RP	Sparks Science - Weekly homework task Independent learning on Sparks	Teacher 2 P221 – Foundation P219 – Higher https://members.gcsepod.com/shared/search?search=waves https://www.youtube.com/watch?v=9JPNVJ LC3E	

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				paper questions
1 st December 2025	<p>Teacher 1 – Rate and Extend of Chemical Reactions</p> <p>Lesson 6 – Pressure in gaseous reactions</p> <p>Lesson 7 – The effect of Catalysts</p> <p>Lesson 8 – Reversible reactions</p> <p>Teacher 2</p> <p>Lesson 5 P6 – Wave speed – Solid RP</p> <p>Lesson 6 P6 EM wave properties and use</p>	<p>Sparks Science - Weekly homework task</p> <p>Independent learning on Sparks</p> <p>Sparks Science - Weekly homework task</p> <p>Independent learning on Sparks</p>	<p>Teacher 1</p> <p>P139 & P144 - Foundation</p> <p>P143-147 – Higher</p> <p>https://www.youtube.com/watch?v=7i90fiz9SmY</p> <p>https://members.gcsepod.com/shared/search?search}=rate%20and%20extend%20of%20chemical%20chnage</p> <p>Teacher 2</p> <p>P223-224 – Foundation</p> <p>P223-224 – Higher</p> <p>https://members.gcsepod.com/shared/search?search=waves</p> <p>https://www.youtube.com/watch?v=9JPNVJ_LC3E</p>	<p>Independent study on Sparks on the following areas:</p> <p>Rate of reactions – pressure in gaseous reactions.</p> <p>Rates of reaction – The effect of catalysts.</p> <p>Rate of reaction – Reversible reaction.</p> <p>Waves – EM waves and uses.</p>

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				Complete knowledge organisers Ask your teachers for additional past paper
8 th December 2025	<p>Teacher 1 – Rate and Extend of Chemical Reactions</p> <p>Lesson 9 – Chatelier’s Principle / Foundation Revision Lesson 10 – Industrial conditions / F Revision</p> <p>Teacher 2 Lesson 7 P6- Waves at boundaries Lesson 8 P6 – Infrared</p>	<p>Sparks Science - Weekly homework task Independent learning on Sparks</p> <p>Sparks Science - Weekly homework task Independent learning on Sparks</p>	<p>Teacher 1 P138-145 – Foundation P147-48 – Higher</p> <p>https://www.youtube.com/watch?v=7i90fiz9SmY</p> <p>https://members.gcsepod.com/shared/search?search}=rate%20and%20extend%20of%20chemical%20chnage</p> <p>Teacher 2 P225 – Foundation P226-227 – Higher</p> <p>https://members.gcsepod.com/shared/search?search=waves</p> <p>https://www.youtube.com/watch?v=9JPNVJ LC3E</p>	Independent study on Sparks on the following areas: Rate of reaction - Chatelier’s Principle and Industrial conditions – Higher. Rate of reaction – Entire topic revision. Waves – properties of waves and infrared.

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				<p>Complete knowledge organisers</p> <p>Ask your teachers for additional past paper</p>
<p align="center">15th December 2025</p>	<p>Teacher 1 Lesson 11, Assessment C6 Assessment Lesson 2 B6 Sexual and Asexual reproduction</p> <p>Teacher 2 P6 Assessment</p>	<p>Sparks Science - Weekly homework task Independent learning on Sparks</p> <p>Sparks Science - Weekly homework task Independent learning on Sparks</p>	<p>Teacher 1</p> <p>P138-144 – Foundation P66 – Foundation P142-149 – Higher P68 – Higher https://www.youtube.com/watch?v=7i90fiz9SmY</p> <p>https://members.gcsepod.com/shared/search?search}=rate%20and%20extend%20of%20chemical%20chnage</p> <p>Teacher 2</p> <p>P219-226 - Foundation P218-226 - Higher https://members.gcsepod.com/shared/search?search=waves</p>	<p>Independent study on Sparks on the following areas: Rate of reaction – Entire topic revision. Waves – Entire topic revision.</p> <p>Complete knowledge organisers</p> <p>Ask your teachers for additional past paper.</p>

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			https://www.youtube.com/watch?v=jSA4WaLSVEA	Complete revision packs handed out by class teacher based off mock assessment.
22 nd December 2025		Christmas Revision		
29 th December 2025				
5 th January 2026	Teacher 1 –DIRT C6, Lesson 1 C7 Crude oil alkanes Lesson 2 C7 Fractional distillation Teacher 2 – Lesson 1 B6 Meiosis and fertilisation Lesson 3 B6 Genes, DNA and chromosomes	Sparks Science - Weekly homework task Independent learning on Sparks Sparks Science - Weekly homework task	Teacher 1 P146-147 – Foundation P150 – Higher https://www.youtube.com/watch?v=7i90fiz9SmY https://www.youtube.com/watch?v=ZeUNWY7YDAo https://members.gcsepod.com/shared/search?search=Organic%20chemistry https://members.gcsepod.com/shared/search?search}=rate%20and%20extend%20of%20chemical%20chnage Teacher 2 P66-70 – Foundation P68-71 – Higher https://www.youtube.com/watch?v=npl10a6p8jQ	Independent study on Sparks on the following areas: Organic Chemistry Crude oil and Fractional distillation. Inheritance – Genes, DNA and chromosomes. Meiosis.

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		Independent learning on Sparks	https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20	<p>Complete knowledge organisers</p> <p>Ask your teachers for additional past paper</p>
12 th January 2026	<p>Teacher 1 – Lesson 3 C7 Cracking</p> <p>Lesson 4 C7 using crude oil products</p> <p>Lesson 4 B6 Genetic inheritance</p> <p>Teacher 2 – Lesson 6 B6 Sex and Family trees</p>	<p>Sparks Science - Weekly homework task</p> <p>Independent learning on Sparks</p> <p>Sparks Science - Weekly homework task</p> <p>Independent learning on Sparks</p>	<p>Teacher 1</p> <p>P147-149 – Foundation</p> <p>P151-152 – Higher</p> <p>P70-71 – Foundation</p> <p>P72-74 – Higher</p> <p> https://www.youtube.com/watch?v=ZeUNWY7YDAo https://www.youtube.com/watch?v=ZeUNWY7YDAo https://members.gcsepod.com/shared/search?search=Organic%20chemistry https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20 https://www.youtube.com/watch?v=npl10a6p8jQ https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20 </p> <p>Teacher 2</p> <p>P73 – Foundation</p> <p>P72 – Higher</p> <p> https://www.youtube.com/watch?v=npl10a6p8jQ </p>	<p>Independent study on Sparks on the following areas:</p> <p>Organic Chemistry using crude oil.</p> <p>Genetic inheritance.</p> <p>Family trees based of inherited diseases.</p> <p>Complete knowledge organisers</p> <p>Ask your teachers for</p>

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			https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20	additional past paper
19 th January 2026	<p>Teacher 1 – Lesson 1 C8 Pure substances and formulations</p> <p>Teacher 2 – Lesson Lesson 7 B6 Variation and natural selection Lesson 8 B6 Evolution and extinction</p>	<p>Sparks Science - Weekly homework task Independent learning on Sparks</p> <p>Sparks Science - Weekly homework task Independent learning on Sparks</p>	<p>Teacher 1</p> <p>P150 – Foundation P153 – Higher https://www.youtube.com/watch?v=YyUQiUddBA4 https://members.gcsepod.com/shared/search?search=chemical%20analysis</p> <p>Teacher 2</p> <p>P74/79- Foundation P75-76– Higher https://www.youtube.com/watch?v=npl10a6p8jQ https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20</p>	<p>Independent study on Sparks on the following areas: Organic Chemistry - Pure substances and formulations. Variation, Natural selection. Evolution.</p> <p>Complete knowledge organisers</p> <p>Ask your teachers for additional past paper</p>
26 th January 2026	Teacher 1 – Lesson 3 C8Chromatogram	Sparks Science – Weekly homework task	<p>Teacher 1</p> <p>P151-153- Foundation P154-155– Higher https://www.youtube.com/watch?v=YyUQiUddBA4</p>	Independent study on Sparks on the following areas:

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	<p>Lesson 4 C8 Gas tests Lesson 5 C8 revision</p> <p>Teacher 2 – Lesson 9 B6 Evidence and evolution &Lesson 10 – B6 Evidence for evolution 2</p>	<p>Independent learning on Sparks</p> <p>Sparks Science – Weekly homework task Independent learning on Sparks</p>	<p>https://members.gcsepod.com/shared/search?search=chemical%20analysis</p> <p>Teacher 2 P74/79- Foundation P76/79-80– Higher https://www.youtube.com/watch?v=npl10a6p8jQ https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20</p>	<p>Chromatography Gas tests Evolution Fossils</p> <p>Complete knowledge organisers</p> <p>Ask your teachers for additional past paper</p>
2 nd February 2026	Mocks			
9 th February 2026	<p>Teacher 1 – Lesson 11 B6 Selective Breeding Lesson 12 B6 Genetic Engineering &Lesson 14- B6 Revision</p>	<p>Sparks Science - Weekly homework task Independent learning on Sparks</p>	<p>Teacher 1 P77-79- Foundation P77-78– Higher https://www.youtube.com/watch?v=npl10a6p8jQ https://members.gcsepod.com/shared/search?search=B6%20inheritance%20%2C%20variation%20and%20evolution%20</p> <p>Teacher 2 P67- Foundation</p>	<p>Independent study on Sparks on the following areas: Selective Breeding Genetic Engineering</p>

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		Sparks Science - Weekly homework task Independent learning on Sparks		Complete knowledge organisers Ask your teachers for additional past paper
16 th March 2026	Revision	Sparks Science - Weekly homework task Independent learning on Sparks Sparks Science - Weekly homework task Independent learning on Sparks	https://www.gcsepod.com/ https://sparxscience.com/	Independent study on Sparks – teachers in class will provide guidance Complete knowledge organisers Ask your teachers for additional past paper

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23 rd March 2026	Revision	Sparks Science - Weekly homework task Independent learning on Sparks	https://www.gcsepod.com/ https://sparxscience.com/	Independent study on Sparks – teachers in class will provide guidance Complete knowledge organisers Ask your teachers for additional past paper
30 th March 2026		Easter Revision		
6 th April 2026				
13 th April 2026	Revision	Sparks Science - Weekly homework task Independent learning on Sparks	https://www.gcsepod.com/ https://sparxscience.com/	Independent study on Sparks – teachers in class will provide guidance

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