



Year 11 Revision Schedule 2023-24

Subject/Course:	GCSE Chemistry (Combined) – Higher
Student Name:	

		Topic	Key knowledge/skills/questions	Resources/activities/links
Week 1	Monday 15 January 2024	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p style="text-align: center;">Basic: Atomic Structure (Paper 1 AND 2)</p>	<p>Atoms, elements & compounds Mixtures (including separation techniques) Development of the model of the atom Subatomic particles – charges, masses, location Isotopes and relative atomic mass Electronic structure</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aga.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zq2h4qt/revision/1 • https://www.bbc.co.uk/bitesize/guides/zpbkh39/revision/1 • https://www.bbc.co.uk/bitesize/guides/z3sg2nb/revision/1 • https://www.youtube.com/watch?v=fN8kH9Vvqo0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=1 • https://www.youtube.com/watch?v=iyCLDHG1PCA&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=2 • https://www.youtube.com/watch?v=jBDr0mHyc5M&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=3 • https://www.youtube.com/watch?v=qquOFYOpdl0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=4 • https://www.youtube.com/watch?v=vi_SJBnxmHo&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=5 • https://www.youtube.com/watch?v=eQlnHr9g6Io&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=6 • https://www.youtube.com/watch?v=sG6QoLxwIw4&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=7 • https://www.youtube.com/watch?v=EBKwG25hRPE&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=8

<p style="text-align: center;">Week 2</p>	<p style="text-align: center;">Monday 22 January 2024</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p style="text-align: center;">Basic: Periodic Table (Paper 1 AND 2)</p>	<p>Modern periodic table Development of the periodic table Metals and non-metals Group 1, Group 7, Group 0</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zq923k7/revision/1 • https://www.bbc.co.uk/bitesize/guides/zawtcj6/revision/1 • https://www.bbc.co.uk/bitesize/guides/z97yw6f/revision/1 • https://www.youtube.com/watch?v=IdS9roW7IzM&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=9 • https://www.youtube.com/watch?v=Rc2JBp91V7o&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=10 • https://www.youtube.com/watch?v=dZGDUKQa_6g&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=11 • https://www.youtube.com/watch?v=HT1zAPQIBA0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=12
<p style="text-align: center;">Week 3</p>	<p style="text-align: center;">Monday 29 January 2024</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p style="text-align: center;">Basic: Structure & Bonding (Paper 1 AND 2)</p>	<p>Ionic bonding Covalent bonding Metallic bonding and alloys Giant covalent structures (including polymers, diamond, graphite, graphene and fullerenes)</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zyydnq8/revision/1 • https://www.bbc.co.uk/bitesize/guides/zyydnq8/revision/2

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Week 4	Monday 5 February	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Properties of Matter (Paper 1 AND 2)</p>	<p>States of matter and changes of state State symbols Properties of ionic compounds Properties of small molecules Properties of metals and alloys</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/z93jfcw/revision/1 • https://www.bbc.co.uk/bitesize/guides/zyyng8/revision/4 • https://www.bbc.co.uk/bitesize/guides/zcpjfcw/revision/5 • https://www.bbc.co.uk/bitesize/guides/z8m8pbk/revision/1 • https://www.youtube.com/watch?v=6DtrrWA5nkE&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=14 • https://www.youtube.com/watch?v=kShlFIsvWbQ&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=15 • https://www.youtube.com/watch?v=d2ogZgGmMDY&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=17 • https://www.youtube.com/watch?v=b1y2O6YX1bQ&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=20 • https://www.youtube.com/watch?v=hkBrw2fg75U&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=21 • https://www.youtube.com/watch?v=70dOzvh-8M&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=22
Week 5	Half Term Monday 12 February			

Week 6	<p>Monday 19 February</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Quantitative Chemistry I (Paper 1)</p>	<p>Conservation of mass Relative formula mass <i>Moles (HT only)</i></p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) <p>Medium demand knowledge and application questions from, eg, revision work books High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/z2bfxf/r/revision/1 • https://www.bbc.co.uk/bitesize/guides/zyjk3k7/r/revision/1 • https://www.youtube.com/watch?v=it_fmQu5ivq&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=24 • https://www.youtube.com/watch?v=wPGVQu3UXpw&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=25 • https://www.youtube.com/watch?v=M-De2IMayco&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=26
Week 7	<p>Monday 26 February</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Quantitative Chemistry II (Paper 1)</p>	<p><i>Reacting masses (HT only)</i> <i>Limiting reactant (HT only)</i> Concentration</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zgcyw6f/r/revision/1 • https://www.bbc.co.uk/bitesize/guides/zyjk3k7/r/revision/5 • https://www.bbc.co.uk/bitesize/guides/zyjk3k7/r/revision/6 • https://www.youtube.com/watch?v=TKDOyR7WKQQ&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=27

Week 8	<p>Monday 4 March</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Chemical Changes I (Paper 1)</p>	<p>Reactions of acids Neutralisation Soluble salts pH scale <i>Strong and weak acids (HT only)</i> Reactivity series Extraction of metals and reduction <i>Redox (HT only)</i> Required practical 8: preparation of a pure, dry soluble salt</p>	<ul style="list-style-type: none"> • https://www.youtube.com/watch?v=MEQ1YGxfAQ4&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=29 • https://www.youtube.com/watch?v=kJBbu7_vYC8&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=30 <p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zsm7v9g/revision/1 • https://www.bbc.co.uk/bitesize/guides/zcjjfcw/revision/1 • https://www.youtube.com/watch?v=vt8fB3MFzLk&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=34 • https://www.youtube.com/watch?v=qYBzkgqrmE&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=35 • https://www.youtube.com/watch?v=IBjwMcHUyBY&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=36 • https://www.youtube.com/watch?v=2i5Lm7BMtpo&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=37 • https://www.youtube.com/watch?v=qvNuMpxqG7Q&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=38 • https://www.youtube.com/watch?v=jyvcVjrZnJA&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=39 • https://www.youtube.com/watch?v=qIQMlwBoe_4&list=PLAD0MSIZBSsEygAZyDRk0PqQZ6uiC98F&index=1
	Week 9	<p>Monday 11 March</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Chemical Changes II (Paper 1)</p>	<p>Electrolysis of molten ionic compounds Using electrolysis to extract metals Electrolysis of aqueous solutions <i>Half equations (HT only)</i> Required practical 9: electrolysis of aqueous solutions</p>

				<p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/guides/zcsyw6f/revision/1 • https://www.youtube.com/watch?v=iINOpROacf0&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=40 • https://www.youtube.com/watch?v=hOrGntIN3sg&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=41 • https://www.youtube.com/watch?v=GrgYXk_NCec&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=42 • https://www.youtube.com/watch?v=tCHE_7QeRUc&list=PLAd0MSIZBSsEygAZyDRkK0PqQZ6uiC98F&index=6
Week 10	Monday 18 March	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Energy Changes (Paper 1)</p>	<p>Exothermic and endothermic reactions Reaction profiles <i>Energy change of reactions (HT only)</i> Required practical 10: investigate the variables that affect temperature changes in reacting solutions</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and YouTube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/topics/z27xxfr • https://www.youtube.com/watch?v=dstRL5xB0Sk&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=43 • https://www.youtube.com/watch?v=i0HGXhxD-s&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=44 • https://www.youtube.com/watch?v=tKxcQYZ2YH8&list=PLAd0MSIZBSsEygAZyDRkK0PqQZ6uiC98F&index=5
Week 11	Monday 25 March	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Rate and Extent of Chemical Change (Paper 2)</p>	<p>Calculating rate Factors affecting rate Collision theory Catalysts Reversible reactions <i>LeChatelier's Principle (HT only)</i> Required practical 11: investigate how changes in concentration affect the rate of reaction (two methods)</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p>

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Week 12	Easter Monday 1 April	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p style="text-align: center;">Basic: Organic Chemistry (Paper 2)</p>	<p>Crude oil, hydrocarbons and alkanes Fractional distillation Properties of hydrocarbons Cracking and alkenes</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aga.org.uk</p> <p>Bitesize and Youtube Links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/topics/z9488mn • https://www.youtube.com/watch?v=ykIFTtTjoso&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=51 • https://www.youtube.com/watch?v=F8J2FirIqx&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=52 • https://www.youtube.com/watch?v=CjmriZg5xRo&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=53 • https://www.youtube.com/watch?v=bOiYlKX9ZRY&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=54
Week 13	Easter Monday 8 April	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p style="text-align: center;">Basic: Chemical Analysis (Paper 2)</p>	<p>Purity and formulations Chromatography Tests for gases Required practical 12: paper chromatography</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize

				<p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and Youtube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/topics/z2tpmsg • https://www.youtube.com/watch?v=-OtJI-R-4rU&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=62 • https://www.youtube.com/watch?v=TdJ57SQ6GAQ&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=63
Week 14	<p>Monday 15 April</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Chemistry of the Atmosphere (Paper 2)</p>	<p>Composition of the atmosphere Evolution of the atmosphere Greenhouse gases Climate change Carbon footprint Atmospheric pollutants</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize <p><i>'Core coverage' – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions (eg, from revision guide or textbooks) • Medium demand knowledge and application questions from, eg, revision work books <p>High demand knowledge, application and analysis questions from, eg, revision workbooks; exam questions from www.physicsandmathstutor.com and www.aqa.org.uk</p> <p>Bitesize and Youtube links:</p> <ul style="list-style-type: none"> • https://www.bbc.co.uk/bitesize/topics/zw2xity • https://www.youtube.com/watch?v=l0h-3M0Pso&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=67 • https://www.youtube.com/watch?v=Z_b2A-d5hGY&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=68 • https://www.youtube.com/watch?v=Mvp97_BP84&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=69 • https://www.youtube.com/watch?v=Mvp97_BP84&list=PLidqqIGKox7WeOKVGHxcd69kKqtwrKl8W&index=69 • https://www.youtube.com/watch?v=pnTGNAfu6GE&list=PLAd0MSIZBSsEvgAZyDRkK0PqQZ6uiC98F&index=2 • https://www.youtube.com/watch?v=fCZztwJmAl0&list=PLAd0MSIZBSsEvgAZyDRkK0PqQZ6uiC98F&index=8
Week 15	<p>Monday 22 April</p>	<p>Ideal: your weakest topic (identified by you as 'red' on your learning checklist)</p> <p>Basic: Using Resources (Paper 2)</p>	<p>Sustainable development Potable water <i>Alternative methods of extracting metals (HT only)</i> Life cycle assessment Reducing the use of resources Required practical 13: analysis and purification of water samples</p>	<p><i>Red' topics – review tasks:</i></p> <ul style="list-style-type: none"> • Relearn material using new sources, eg revision guide, BBC Bitesize • Compile knowledge organiser, using your class notes, revision guides, textbooks, BBC Bitesize (see www.hayestl.com for knowledge organiser tips) • Add to your lesson notes using revision guides, textbooks, BBC Bitesize <p><i>'Red' topics – practice tasks:</i></p> <ul style="list-style-type: none"> • Low demand knowledge checking questions from, eg, revision guide or textbooks <p><i>'Core coverage' – review tasks:</i></p> <ul style="list-style-type: none"> • Cornell notes successive summarisation of topics (see www.hayestl.com for Cornell notes tips) • Mind maps linking concepts and knowledge within the topic and with other topics (see www.hayestl.com for mind mapping tips) • Elaboration and extension of notes, using other sources, eg, revision guides, textbooks, BBC Bitesize

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Week 16	Monday 29 April	Exam Technique	Command words Required practicals (8 & 9) Working Scientifically skills Mathematical skills	
Week 17	Monday 6 May	Exam Technique	Command words Required practical (10) Working Scientifically skills Mathematical skills	
Week 18	Monday 13 May	17th May – Chemistry Paper 1 Exam (AM)		
Week 19	Monday 20 May	Exam Technique	Command words Required practical (11) Working Scientifically skills Mathematical skills	
Week 20	Half Term Monday 27 May	Exam Technique	Command words Required practical (12) Working Scientifically skills Mathematical skills	
Week 21	Monday 3 June	Exam Technique	Command words Required practical (13) Working Scientifically skills Mathematical skills	

Week 22	Monday 10 June	11th June – Chemistry paper 2 Exam (AM)		
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