Out of lesson work
Chemistry - Year 10

Expectations:

Email class teacher in the morning to ask which lesson will be delivered that day.

- Click on the video links or the BBC bitesize links to support your learning and make notes.
- Click on the Oak Academy link to complete work.
- Email completed work to your class teacher
- Complete the SPARX lesson

Term	Lesson	Video links	Reading links	Oak Academy link	SPARX
1	Periodic table and trends	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/atomic-structure-and-the-periodic-table/	https://www.bbc.co.uk/bitesize/guides/zwt2k2p/revision/1 https://www.bbc.co.uk/bitesize/guides/zg923k7/revision/2 https://www.bbc.co.uk/bitesize/guides/ztrxdxs/revision/1	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/atomic-structure-and-the-periodic-table/lessons https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/groups-of-the-periodic-table/lessons	447 333 994 711 671 616 550 793 945 646 365 330 293 684 842 468 572 925 580
	Bonding	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/structure-and-bonding/	https://www.bbc.co.uk/bitesize/topics/z33rrwx	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/structure-and-bonding/lessons	868 581 199 557 467 283 916 677 928 272 562 876 338 444 596 901 237 **Separates:** **530 957**
2	Quantitative chemistry	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/quantitative-chemistry/	https://www.bbc.co.uk/bitesize/topics/zsnyy4j	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/calculations-involving-masses/lessons	533 195 497 155 223 624 143 380 807 **Higher and separates:** **463 474** **804 262** **985 332**
3	Reactivity of metals	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/chemical-changes/	https://www.bbc.co.uk/bitesize/topics/zt6ppbk	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/making-salts/lessons	406 715 640 843 681 981 483 245
4	Acids and bases	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/chemical-changes/	https://www.bbc.co.uk/bitesize/topics/zt6ppbk	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/making-salts/lessons	309 629 828 142 495 885 412

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					Higher and separates: 297 **Separates only:** 539 892
5	Electrochemistry	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/chemical-changes/	https://www.bbc.co.uk/bitesize/topics/zt6ppbk	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/electrolysis/lessons	298 6742 279 866 792 298 672 279 866 792 **Separates only: 120 836**
	Energy Changes	https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/energy-changes/	https://www.bbc.co.uk/bitesize/topics/z27xxfr	https://www.thenational.academy/teachers/programmes/chemistry-secondary-ks4-higher-aqa/units/energy-changes-in-reactions/lessons	771 280 895 601 768 115
Mock 1 revision	Paper 1	https://www.youtube.com/@Freesciencelessons	https://www.youtube.com/watch?v=o3FT45tmgDc https://www.youtube.com/watch?v=iBjfRKYS7zc https://www.youtube.com/watch?v=wP7xt_6cgFg Required Practical's	Required practical's https://www.youtube.com/playlist?list=PLAd0MSIZBSsEygAZyDRkK0PgQZ6uiC98F	Independent choice.

Other Resources include:

Bitesize flashcards that can be seen or printed - https://www.bbc.co.uk/bitesize/topics/zqwdywx

Free Science Lessons – On You tube - https://www.freesciencelessons.co.uk/

Your revision Guide from school

Bitesize exam practice quick fire questions - https://www.bbc.co.uk/bitesize/examspecs/z8r997h

Cognito for exam papers, questions and quizzes - https://cognitoedu.org/