Out of lesson work
Year 8

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.
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	Topic	Video links	Reading links	Oak Academy link	SPARX codes
1 Sept - Dec	Energy – Thermal transfers	https://www.youtube.com/watch?v=e7lBZHX7cpM&t=9s	https://www.bbc.co.uk/bitesize/articles/znw7jsg https://www.bbc.co.uk/bitesize/articles/zh63ydm	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/forces/lessons/transferring-energy#lesson-details https://www.thenational.academy/teachers/programmes/physics-secondary-ks4-higher-ocr/units/energy-of-moving-particles/lessons/thermal-conduction-and-insulation#exit-quiz	F353 F129 F772 F292 F466 F243 F725 F675 F574 F370 Skills F737 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Rocks and weathering	https://www.youtube.com/watch?v=WBTvW1EJtO8	https://www.bbc.co.uk/bitesize/articles/z2xx6g8 https://www.bbc.co.uk/bitesize/articles/zpygcmn	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/earths-resources/lessons	F922 F400 F284 F431 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Moving by force	https://www.youtube.com/watch?v=joVOE3sLeGI	https://www.bbc.co.uk/bitesize/topics/z4brd2p	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/moving-by-force/lessons	F236 F270 F886 F331 F646 F835 F492 F196 F312 F409 F755 Skills: F251 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Respiration and breathing	https://www.youtube.com/watch?v=lVRSM3SHmGA&t=32s	https://www.bbc.co.uk/bitesize/topics/zvrrd2p	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/breathing-and-respiration/lessons	F188 F584 F638 F216 F987 F248 F326 F739 F908 F757 F609 F893 F605 F550 F690 F226 F719 F513 F411 F764 F557 F815 F980 F523 F105 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
2 Jan-March	Reproduction	https://www.youtube.com/watch?v=als-gv_D7bc	https://www.bbc.co.uk/bitesize/topics/zybbkqt	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/reproduction-in-humans/lessons	F535 F332 F677 F857 F959 F819 F318

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					SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Chemical reactions	https://www.youtube.com/watch?v=WUSrEKv6x94	https://www.bbc.co.uk/bitesize/topics/zypsgk7	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/understanding-chemical-reactions/lessons	F722 F176 F631 F627 F946 F397 F848 F946 F982 F986 F370 V273 F242 F343 F946 F782 F632 F203 F632 F102 F898 Skill: 181 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Solubility and separation techniques	https://www.youtube.com/watch?v=29Rd-Lly-fw https://www.youtube.com/watch?v=JGkmGQ89_SE https://www.youtube.com/watch?v=XC1RxIoV0Mo	https://www.bbc.co.uk/bitesize/articles/zghptrd https://www.bbc.co.uk/programmes/p011mjsf	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/solutions/lessons	F449 F376 F463 F438 F406 F266 F245 F186 F309 F485 F245 F266 F406 F309 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Magnetism	https://www.youtube.com/watch?v=av7VrSezpHg&t=16s https://www.youtube.com/watch?v=BqmYvROFGr0	https://www.bbc.co.uk/bitesize/topics/zrvbkqt	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/magnets-and-electromagnets/lessons	F610 F130 F895 F256 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
3 April - July	Voltage and resistance	https://www.youtube.com/watch?v=HNPow41uibw https://www.youtube.com/watch?v=Lva2yqD8MPI&t=9s	https://www.bbc.co.uk/bitesize/articles/z6n27yc	https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/resistance-and-parallel-circuits/lessons	F210 F237 F767 F817 F218 F517 F742 F868 F705 F367 F862 F456 SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Light waves	https://www.youtube.com/watch?v=-MvZ5_1j6Sk https://www.youtube.com/watch?v=s_vwTY_CzSA&list=PLXGABhiIl8WIBlXNWC_J2DBE8QshpFz3g&index=2 https://www.youtube.com/watch?v=3RGqoeHaft4&list=PLXGABhiIl8WIBlXNWC_J2DBE8QshpFz3g&index=3	https://www.bbc.co.uk/bitesize/articles/ztmsp4j	Lessons 5-8 https://www.thenational.academy/teachers/programmes/science-secondary-ks3/units/sound-light-and-vision/lessons	F598 F337 F996 F810 F247 F990 F439 F201 F814 F903 F307

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		https://www.youtube.com/watch?v=VYpQJ8GN50s&list=PLXGABhiIl8WlBlXNWC_J2DBE8QshpFz3g&index=4			SC1: F351 F735 F736 F846 F737 F181 F580 F417 F897
	Step Up to Year 9				
KAST 1 revision					
KAST 2 revision					

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/