



In the event that individual students are not attending school and are able to complete work, these are the **core topics** being covered by each subject each half term and the relevant links to learning materials to use.

Subject: Science Year: 7

Term	Core topic/s	Learning resources to access	Additional suggested tasks
Autumn	<u>Biology</u> Cells, tissues, organs Human reproduction	https://classroom.thenational.academy/units/cells-tissues-and-organs-03b2 https://classroom.thenational.academy/units/reproduction-and-variation-f60f (lessons 1-7 only)	<ul style="list-style-type: none"> Go through the following sections of the Study Guide and complete the Section Summaries <ul style="list-style-type: none"> Section 1: Cells and Respiration Section 2: Humans as Organisms Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\A&E</i>
	<u>Physics</u> Electricity and magnetism	https://classroom.thenational.academy/units/electricity-and-magnetism-ab64	<ul style="list-style-type: none"> Go through the following sections of the Study Guide and complete the Section Summaries <ul style="list-style-type: none"> Section 11: Electricity and Magnetism Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\Electromancer</i>
Spring	<u>Physics</u> Forces and motion Space	https://classroom.thenational.academy/units/forces-and-motion-b426 https://classroom.thenational.academy/units/light-and-space-fa61 (lessons 11-16 only)	<ul style="list-style-type: none"> Go through the following sections of the Study Guide and complete the Section Summaries <ul style="list-style-type: none"> Section 9: Forces and Motion Section 12: The Earth and Beyond Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\Alien</i>
	<u>Chemistry</u> Physical changes and chemical changes	https://classroom.thenational.academy/lessons/indicators-of-a-chemical-reaction-cct3ad https://classroom.thenational.academy/lessons/solids-liquids-and-gases-74tp8t	<ul style="list-style-type: none"> Go through the following sections of the Study Guide and complete the Section Summaries <ul style="list-style-type: none"> Pages 31-34: particle theory and changes of state Page 48: chemical reactions



Home Access to Learning 2020-21

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		https://classroom.thenational.academy/lessons/changes-of-state-6mw6ar	<ul style="list-style-type: none">• Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\Cook</i>
Summer	<u>Biology</u> Adaptations and variation	https://classroom.thenational.academy/units/reproduction-and-variation-f60f (lessons 12-14 only) https://classroom.thenational.academy/units/biological-systems-and-processes-bf5a (lessons 12-14 only)	<ul style="list-style-type: none">• Go through the following sections of the Study Guide and complete the Section Summaries<ul style="list-style-type: none">- Section 4: Inheritance, Variance and Survival• Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\Extinction</i>
	<u>Chemistry</u> Particles	https://classroom.thenational.academy/units/particles-f50c	<ul style="list-style-type: none">• Go through the following sections of the Study Guide and complete the Section Summaries<ul style="list-style-type: none">- Pages 31-34: particles- Pages 39-46: mixtures and properties• Download and practice cue cards <i>L:\Science\KS3\Year 7\Revision resources\revision cue cards\Forensics</i>