



## OAK NATIONAL ACADEMY HOME LEARNING SUPPORT – Science Year 10 (Trilogy)



You currently need to do your learning from home. There are a range of resources ready for you to use on the topics you have been studying in your science lessons. The tables below contain links to the relevant topics on the Oak National Academy website. [www.thenational.academy](http://www.thenational.academy)

- Find your science group's curriculum plan for this term (see below) and identify which topic you are currently studying
- Select your current topic using the hyperlinks below - Click on the link and this will take you to the relevant topic.
- Work through all the lessons in this topic, reviewing previously studied content and further developing your knowledge and understanding. Make sure that you highlight key words and write down facts and concepts.
- Once you've completed all the lessons, move straight onto the next topic

Lessons usually include a video explaining the main ideas and a powerpoint / taught lesson – you should make notes from this slides then take the review test at the end to check your understanding.

Remember, if you need extra support you can... rewatch the video, email your teacher, check another source such as BBC bitesize, Seneca or message a friend.

Term 1 and 2 (Sept – Dec)	Organisation Bioenergetics	Electricity Forces Energy
Term 3 (Jan – feb half term)	Infection & Response	Structures & Bonding
Term 4 (Feb – April)	Atomic structure (radiation)	Chemical Changes
Term 5 (April – May half term)	Particle Model of Matter	Energy changes
Term 6 (Jun – July)	Ecology	Organic chemistry Quantitative chemistry

Topic Links:	Biology	Organisation	<a href="https://classroom.thenational.academy/units/organisation-2345">https://classroom.thenational.academy/units/organisation-2345</a>
		Bioenergetics	<a href="https://classroom.thenational.academy/units/bioenergetics-244e">https://classroom.thenational.academy/units/bioenergetics-244e</a>
		Ecology	<a href="https://classroom.thenational.academy/units/ecology-a6da">https://classroom.thenational.academy/units/ecology-a6da</a>
Chemistry	Structures and bonding		<a href="https://classroom.thenational.academy/units/bonding-structure-and-the-properties-of-matter-e93f">https://classroom.thenational.academy/units/bonding-structure-and-the-properties-of-matter-e93f</a>
	Chemical Changes		<a href="https://classroom.thenational.academy/units/chemical-changes-a5ba">https://classroom.thenational.academy/units/chemical-changes-a5ba</a>
	Energy Changes		<a href="https://classroom.thenational.academy/units/energy-changes-b607">https://classroom.thenational.academy/units/energy-changes-b607</a>
	Quantitative chemistry		<a href="https://classroom.thenational.academy/units/quantitative-chemistry-4db7">https://classroom.thenational.academy/units/quantitative-chemistry-4db7</a>
	Organic chemistry		<a href="https://classroom.thenational.academy/units/organic-chemistry-7c58">https://classroom.thenational.academy/units/organic-chemistry-7c58</a>
Physics	Electricity		<a href="https://classroom.thenational.academy/units/electricity-f083">https://classroom.thenational.academy/units/electricity-f083</a>
	Forces		<a href="https://classroom.thenational.academy/units/forces-6562">https://classroom.thenational.academy/units/forces-6562</a>
	Energy		<a href="https://classroom.thenational.academy/units/energy-c750">https://classroom.thenational.academy/units/energy-c750</a>
	Particle Model		<a href="https://classroom.thenational.academy/units/particle-model-of-matter-a6d5">https://classroom.thenational.academy/units/particle-model-of-matter-a6d5</a>
	Atomic Structure (Radiation)		<a href="https://classroom.thenational.academy/units/atomic-structure-d811">https://classroom.thenational.academy/units/atomic-structure-d811</a>