

# Achieve Higher

Year 8



Co-op Academy  
Stoke-on-Trent

## SUBJECT NAME: Science

Half Term	Curriculum	Reading	Watching & Listening	Other Opportunities
Autumn Term	Elements, Compounds and Mixtures	<p>Read this selection of articles about the history of the periodic table and alternative versions:</p> <p><a href="https://www.newscientist.com/definition/the-periodic-table/">https://www.newscientist.com/definition/the-periodic-table/</a></p>	<p>See the Periodic Table of Videos:</p> <p><a href="https://periodicvideos.com/">https://periodicvideos.com/</a></p>	<p>Play elements top trumps:</p> <p><a href="https://edu.rsc.org/resources/elements-top-trumps/1630.article">https://edu.rsc.org/resources/elements-top-trumps/1630.article</a></p>
Spring Term	Genetics	<p>Read about Rosalind Franklin, whose work led to the discovery of the structure of DNA, but who went unrecognised at the time:</p> <p><a href="https://www.newscientist.com/people/rosalind-franklin/">https://www.newscientist.com/people/rosalind-franklin/</a></p>	<p>Watch the Royal Institution Christmas Lectures, Who Am I?</p> <p><a href="https://www.rigb.org/explore-science/explore/video/who-am-i-where-do-i-come-2018">https://www.rigb.org/explore-science/explore/video/who-am-i-where-do-i-come-2018</a></p>	<p>Visit the Centre for Life in Newcastle or the Museum of Medicine and Health in Manchester</p>
Summer Term	Earth's Atmosphere	<p>Read about the problems already affecting the Earth from climate change:</p> <p><a href="https://www.wwf.org.uk/climate-change-and-global-warming">https://www.wwf.org.uk/climate-change-and-global-warming</a></p> <p>100 Things to know about saving the planet - Usborne (Book)</p> <p><a href="https://usborne.com/gb/100-things-to-know-about-saving-the-planet-9781474981835">https://usborne.com/gb/100-things-to-know-about-saving-the-planet-9781474981835</a></p>	<p>Watch David Attenborough - Our Planet</p> <p><a href="#">Deserts to grasslands</a></p> <p><a href="#">Jungles</a></p> <p><a href="#">Seas</a></p> <p>Watch this video from the youtube channel 'Kurzgesagt' on 'who is responsible for climate change?'</p> <p><a href="https://www.youtube.com/watch?v=ipVxxxqwBQw">https://www.youtube.com/watch?v=ipVxxxqwBQw</a></p>	<p>Calculate your carbon footprint and discuss how it could be reduced:</p> <p><a href="https://footprint.wwf.org.uk/#/">https://footprint.wwf.org.uk/#/</a></p>