

Achieve Higher

Year 7



Co-op Academy
Stoke-on-Trent

SUBJECT NAME: Science				
Half Term	Curriculum	Reading	Watching & Listening	Other Opportunities
Autumn Term	Living Organisms	Living things and nonliving things, a compare and contrast book. By Kevin Kurts	Watch David Attenborough /Youtube Our planet Episode 1 https://www.youtube.com/watch?v=GfO-3Oir-qM	Use the online virtual microscope https://www.virtualmicroscope.org/explore
Spring Term	States of Matter	Many kinds of matter By Jennifer Boothroid	Watch about Archimedes' principle How taking a bath led to Archimedes' principle - Mark Salata	Use the phet lab simulator for changes of state https://phet.colorado.edu/sims/html/states-of-matter-basics/latest/states-of-matter-basics_en.html
Summer Term	Space	Everything Space By Natural Geographic	Watch Chris Hadfield's youtube videos about life on the International Space Station. From cleaning your teeth to playing the guitar and, of course, going to the toilet! Chris in Space playlist https://www.youtube.com/watch?v=KaOC9danxNo&list=PLY6rymYaiv2SveKw2kowaYMN_Yf8Pkl_o	Build a bottle rocket: https://www.bbc.co.uk/teach/terrific-scientific/KS2/zr63d6f Observe planets with help from this website: https://www.schoolsobservatory.org/ or download Have a virtual, visit to the Science Museum in London: https://www.science-museum.org.uk/virtual-tour-science-museum