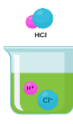
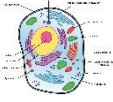
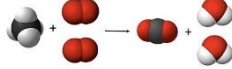






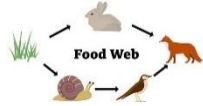




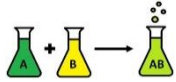
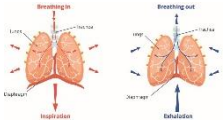


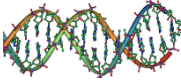








Science KS3 Subject Wider Reading List

All books listed below can be found in our school library.

Year group	Scheme	Book
Year 7	 Acids and Alkalis	<ul style="list-style-type: none"> 'Acids and Alkalis' by Denise Walker 'Metals and Non-metals' by Denise Walker
	Cells 	<ul style="list-style-type: none"> 'Explodapedia: The Cell' by Ben Martynoga 'Human Body' by DK
	Chemical Reactions 	<ul style="list-style-type: none"> 'Chemical Chaos' by Nick Arnold 'Chemistry for Kids: An Illustrated Introduction to Atoms, Elements, Chemical Reactions, and More!' by Lynn Cooper-Huggins 'Chemical Reactions' by Susan Berk
	Elements and Compounds	<ul style="list-style-type: none"> 'Exploring the Elements: A Complete Guide to the Periodic Table' by Sara Gillingham
	 Energy 	<ul style="list-style-type: none"> 'Forces and Energy' by Mike Clemmet 'Killer Energy' by Nick Arnold
	 Particles	<ul style="list-style-type: none"> 'Particles, Principles and Possibilities' by David Brodie
	Reproduction 	<ul style="list-style-type: none"> 'Plant Reproduction' by Louise and Richard Spilsbury 'The Reproductive System' by Sonya Newland
	Rocks 	<ul style="list-style-type: none"> 'Minerals' by Melissa Stewart 'Rocks & Minerals: Crystals' by Melissa Stewart 'Rocks & Minerals: Fossils' by Melissa Stewart
	Solutions 	<ul style="list-style-type: none"> 'Mixtures and Solutions' by Molly Alion 'Mixtures and Solutions' by Cassie Meyer

	<h2 style="text-align: center;">The Environment</h2> 	<ul style="list-style-type: none"> • 'The Incredible Ecosystems of Planet Earth' by Rachel Ignatofsky • 'The Earth Book' by Thomas Hegbrook • 'Plastic Sucks! You Can Make a Difference' by Dougie Poynter • 'Food Chains' by Peter Riley
Year 8	<h2 style="text-align: center;">Gravity and Space</h2> 	<ul style="list-style-type: none"> • '100 Things to Know About Space' by Alex Frith • 'The Astronomy Book' by DK • 'Planets' by DK
	<h2 style="text-align: center;">Heat Transfer</h2>	<ul style="list-style-type: none"> • 'Differences of Conduction, Convection and Radiation' by Baby Professor
	<h2 style="text-align: center;">Light</h2> 	<ul style="list-style-type: none"> • 'Frightening Light' by Nick Arnold
	<h2 style="text-align: center;">Magnetism</h2>	<ul style="list-style-type: none"> • 'Forces and Magnets' by Peter Riley
	<h2 style="text-align: center;">Microbes and Disease</h2>  	<ul style="list-style-type: none"> • 'Deadly Diseases' by Nick Arnold • 'Fighting Infectious Disease' by Sally Morgan • 'The Medicine Book' by DK
	<h2 style="text-align: center;">Photosynthesis</h2> $6\text{CO}_2 + 6\text{H}_2\text{O} \xrightarrow{\text{light}} \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	<ul style="list-style-type: none"> • 'Plant' by David Burnie • 'Straightforward Science: Plant Life' by Peter Riley
	<h2 style="text-align: center;">Reactivity</h2> 	<ul style="list-style-type: none"> • 'Chemical Reactions' by Denise Walker • 'Metals and Non-Metals' by Denise Walker
	<h2 style="text-align: center;">Respiration</h2> 	<ul style="list-style-type: none"> • 'Your Respiration and Circulation: Understand it with Numbers' by Melanie Waldron • 'The Lungs and Respiratory System' by Stephen Parker
	 <h2 style="text-align: center;">Sound</h2> 	<ul style="list-style-type: none"> • 'Sounds Dreadful' by Nick Arnold • 'Science Answers: Sound' by Christopher Cooper
<h2 style="text-align: center;">Variation</h2> 	<ul style="list-style-type: none"> • 'Explodapedia: The Gene' by Ben Martynoga • 'Life: The First Four Billion Years' by Martin Jenkins 	
<h2 style="text-align: center;">Year 9</h2>	 <h2 style="text-align: center;">Climate Change</h2>	<ul style="list-style-type: none"> • 'Climate Change' by DK • 'Map Your Planet: Climate Change' by Rachel Minay • 'Our World in Crisis: Global Pollution' by Franklin Watts

	<h2>Electricity</h2> 	<ul style="list-style-type: none"> • 'Shocking Electricity' by Nick Arnold • 'Electronics: Circuits and Systems' by O.N. Bishop
	 <h2>Forces</h2>	<ul style="list-style-type: none"> • 'Fatal Forces' by Nick Arnold • 'Forces and Energy' by Mike Clemmet
	<h2>Health and Digestion</h2>	<ul style="list-style-type: none"> • 'How Food Works: The Facts Visually Explained' by DK • 'The Science of Nutrition' by Rhiannon Lambert
	<h2>Atomic Structure and the Period Table</h2> 	<ul style="list-style-type: none"> • 'The Element in the Room: Investigating the Atomic Ingredients that Make Up Your Home' by Lauren Humphrey • 'The Stardust that Made Us' by Colin Stewart • 'The Elements' by Nick Mann
	<h2>Cell Biology</h2>	<ul style="list-style-type: none"> • 'Explodapedia: The Cell' by Ben Martynoga • 'Human Body' by DK
	<h2>Bonding, Structure and the Properties of Matter</h2>	<ul style="list-style-type: none"> • 'Stuff Matters: The Strange and Marvellous Materials that Shape Our Man-made World' by Mark Miodownik
	<h2>Energy</h2> 	<ul style="list-style-type: none"> • 'Alternative Energy' by Graham Houghton • 'Burn Out: The Endgame for Fossil Fuels' by Dieter Helm • 'Essential Energy: Energy Transfer Cased' by Robert Snedden
<h2>KS3</h2>	<h2>General knowledge</h2> 	<ul style="list-style-type: none"> • 'KS3 Science Revision Guide' by Collins • 'Usborne Illustrated Dictionary of Chemistry' by Chris Oxland • 'Everything You Need to Ace Chemistry in One Big Fat Notebook' by Workman Publishing • 'Usborne Illustrated Dictionary of Biology' by Corinne Stockley • 'Everything You Need to Ace Biology in One Big Fat Notebook' by Workman Publishing • 'The Physics Book' by DK • 'The Cartoon Guide to Physics' by Larry Gonick