

Also see www.booksfortopics.com/science and <https://seerih-innovations.org/just-good-stuff/science-for-reading/> and watch the following SEERIH clip www.youtube.com/watch?v=CY-w_8MG2Y&t=2s about how to select texts and make the most of reading in science and www.youtube.com/watch?v=QXxUZBEvMgg about Using Literacy and Vocab in Science

ALL primary	<u>Natural world</u> - The Lost words by Jackie Morris, Robert Macfarlane					<u>Books about STEM Careers and 'fictional' characters</u>
EYFS <u>Other 'Science' Books</u> <ul style="list-style-type: none"> • Most Eric Carle books • Room on the Broom by Julia Donaldson • Pumpkin soup by Helen Cooper • Biscuit bear • Little red hen • We're going on a bear hunt by Michael Rosen and Helen Oxenbury 	<u>Animals</u> <ul style="list-style-type: none"> • How many legs by Kes Gray & Jim Field • Dear Zoo by Rod Campbell • Aaaarrgh Spider by Lydia Monks • Superworm by Julia Donaldson • The Very Hungry Caterpillar by Eric Carle • Owl Babies by Martin Wadell (see Twinkl Owlets resources) • Mr Gumpy's Outing by John Burningham (see Twinkl resources) 	<u>Plants</u> <ul style="list-style-type: none"> • The tiny seed, by Eric Carle • Jack and the beanstalk • Jaspers beanstalk by Nick Butterworth, Mick Inkpen • The Enormous Turnip by Katie Daynes • Titch • Tree by Britta Teckentrup 	<u>Space (also see 'Storytime from space' website)</u> <ul style="list-style-type: none"> • Look Up! by Nathan Bryon • The Darkest Dark by (Astronaut) Chris Hadfield • The Way Back Home by Oliver Jeffers • How to Catch a Star by Oliver Jeffers • Aliens love underpants • Man on the moon (a day in the life of Bob) • Whatever next? By Jill Murphy 	<u>Our bodies & Food</u> <ul style="list-style-type: none"> • Supertato by Sue Hendra • Eat up Gemma by Sarah Hayes, Jan Ormerod • T-veg (and dinosaurs) by Smriti Prasad-Halls 	<u>Autumn Term</u> <ul style="list-style-type: none"> • Leaf man • Stick man (before Christmas) <u>Winter</u> <ul style="list-style-type: none"> • Snow bears <u>Summer/Holiday/gardens</u> <ul style="list-style-type: none"> • Stanley's stick, by John Hegley • Yucky worms by Vivian French • Commotion in the Ocean by Giles Andreae and David Wojtowycz 	<ul style="list-style-type: none"> • Smart Pickings by Lynne Bianchi (get from ASE/Millgate house website) • Rosie Revere Engineer, Ada Twist Scientist, Iggy Peck Architect • My Mummy is a Scientist (also Engineer, Plumber, Farmer & Firefighter) and 'My Daddy is a Nurse' • Violet the Pilot by Steve Breen • The Most Magnificent Thing by Ashley Spires • Amanda Bean's Amazing Dream by Cindy Neuschwander
KS1 <u>Other 'Science' Books</u> <ul style="list-style-type: none"> • Here We Are: Notes for Living on Planet Earth by Oliver Jeffers 	<u>Seasonal change</u> <ul style="list-style-type: none"> • The Story Orchestra: Four Seasons in One Day (Sound Book) by J Courtney-Tickle • Stories of the Seasons by Igloo books • Alfie Weather by Shirley Hughes • One year with Kipper (see www.stem.org.uk/teaching-science-through-stories) • Tree: Seasons Come, Seasons Go by Patricia Hegarty and Britta Teckentrup • One Year with Kipper by Mick Inkpen • The Wind Blew by Pat Hutchins • The Growing Story by Ruth Krauss & Helen Oxenbury 	<u>Everyday materials</u> <ul style="list-style-type: none"> • Gingerbread man • Three little pigs (see www.stem.org.uk/teaching-science-through-stories) • Three Billy goats gruff • Let's Build a House by Mick Manning and Brita Granström • Traction man is here by Mini Grey 	<u>Plants (see above)</u> <ul style="list-style-type: none"> • Ten Seeds by Ruth Brown • A Seed is Sleepy by Dianna Aston 	<u>Animals incl. humans</u> <ul style="list-style-type: none"> • Oliver's vegetables by Vivian French (see Twinkl resources) • Oliver's fruit Salad by Vivian French (see Twinkl resources) • Handa's surprise (see www.stem.org.uk/teaching-science-through-stories) • Once There Were Giants by Martin Waddell and Penny Dale • Funny Bones by Allan Ahlberg • The Growing Story by Ruth Krauss • Look Out! How we use our five senses by Leon Read • Tad by Benji Davies 	<u>Living things & habitats</u> <ul style="list-style-type: none"> • Percy the Park Keeper, After the Storm by Nick Butterworth (see Twinkl resources) • Meerkat Mail by Emily Gravett (see Twinkl resources) • No Place Like Home by Jonathon Emmett • Little Acorn by Igloo books (see Twinkl resources) • The Big Book of the Blue by Yuval Zommer • Many: The Diversity of Life on Earth by Nicola Davies and Emily Sutton 	<u>Books about multiple (many focusing on diverse/minority) STEM Role models</u> <ul style="list-style-type: none"> • 1001 Inventions and Awesome Facts From Muslim Civilization by National Geographic <u>Books about individual STEM Role models (particularly Women) not listed under science topics</u> <ul style="list-style-type: none"> • Counting on Katherine by Helaine Becker • Ada Byron Lovelace and the Thinking Machine by Laurie Wallmark (for 'CPD' see www.youtube.com/watch?v=7qvS4B4XPz0) • Hidden Figures YP version • Mae in the Stars? • The Girl with a Mind for Math: The Story of Raye Montague • Margaret And The Moon • Nothing Stopped Sophie (Youtube) • Shark Lady: The Daring Tale of How Eugenie Clark Dove Into History
LKS2 <u>Other LKS2 Science Books</u> <ul style="list-style-type: none"> • Science Squad • If by David Smith (about numbers) 	<u>Forces & Magnets</u> <ul style="list-style-type: none"> • The Iron Man by Ted Hughes (see www.stem.org.uk/teaching-science-through-stories) • My Gumpy's Motor car by John Burningham (friction!) • Mrs Armitage: Queen of the Road by Quentin Blake • Mr Archimedes' Bath by Pamela Allen • Swim Little Wombat, Swim by Charles Fuge 	<u>Light</u> <ul style="list-style-type: none"> • Can't you sleep little bear? By Martin Waddell. Also see www.ogdentrust.com/resources/phizzi-practical-bear-cave • The Owl Who Was Afraid Of The Dark by Jill Tomlinson • Oscar and the Moth by Geoff Waring • The day I met my shadow • The firework maker's daughter (see www.stem.org.uk/teaching-science-through-stories) • The Dark by Lemony Snicket 	<u>Rocks</u> <ul style="list-style-type: none"> • Stone Girl, Bone Girl: by Laurence Anholt • The Fossil Girl by Catherine Brighton • Under Earth, Under Water by Aleksandra and Daniel Mizielinski • The Street Beneath My Feet by Charlotte Guillain and Yuval Zommer • Pebble in my Pocket (see www.stem.org.uk/teaching-science-through-stories) • Stone Underpants by Rebecca Lisle 	<u>Animals incl. humans</u> <ul style="list-style-type: none"> • The Gruffalo by Julia Donaldson (see www.stem.org.uk/teaching-science-through-stories) • Tadpole's Promise by Jeane Willis and Tony Ross (see www.stem.org.uk/teaching-science-through-stories) • I Will Never Ever Eat a Tomato by Lauren Child • Spider Sandwiches by Claire Freedman • Flat Stanley by Jeff Brown • Tiger, Tiger, Burning Bright!: An Animal Poem for Every Day of the Year by Fiona Waters 	<u>Plants</u> <ul style="list-style-type: none"> • The Extraordinary Gardener by Sam Boughton • A seed is sleepy • The Story of Frog Belly Rat Bone by Timothy Basil Ering • The Hidden Forest by Jeannie Baker • George and Flora's Secret Garden by Jo Elworthy • Oh Say You Can Seed! By Bonnie Worth • A Tree is a Plant by Clyde Bonnie Bulla 	

	<p><u>Sound</u></p> <ul style="list-style-type: none"> • Nothing stopped Sophie by Cheryl Bardoe (also see www.youtube.com/watch?v=t2aY2i5yzGI) • Mrs Armitage on Wheels by Quentin Blake • Oscar and the Bat by Geoff Waring • Peace at Last by Jill Murphy • Horrid Henry Rocks (see www.stem.org.uk/teaching-science-through-stories) • Moonbird by Joyce Dunbar • The Pied Piper of Hamelin by Natalia Vasquez 	<p><u>Electricity</u></p> <ul style="list-style-type: none"> • Oscar and the Bird: A Book About Electricity by Geoff Waring • The Lighthouse Keeper’s Lunch by David and Ronda Armitage • Until I Met Dudley by Roger McGough • Electrical Wizard: How Nikola Tesla Lit Up The World by Elizabeth Rusch 	<p><u>States of Matter</u></p> <ul style="list-style-type: none"> • The Rhythm of the Rain by G Baker-Smith • The storm whale in winter by Benji Davies • Charlie and the Chocolate Factory (see www.stem.org.uk/teaching-science-through-stories) • Once Upon a Raindrop: The Story of Water by James Carter • Sticks by Diane Alber • States of Matter poem by Michael Rosen 	<p><u>Animals incl. humans</u></p> <ul style="list-style-type: none"> • The little mole who knew it was none of his business (Digestion - see www.stem.org.uk/teaching-science-through-stories) • Human Body Odyssey by Werner Holzwarth • Crocodiles Don’t Brush Their Teeth by Colin Fancy • Wolves by Emily Gravett • David Attenborough big dreams book 	<p><u>Living things & Habitats</u></p> <ul style="list-style-type: none"> • The Great Kapok Tree by Lynne Cheery (can be used for many topics across school) • The Vanishing Rainforest (see www.stem.org.uk/teaching-science-through-stories) • Race to the Frozen North by Catherine Johnson • This Morning I Met a Whale by Michael Morpurgo • Journey to the River Sea by Eva Ibbotson • Where the forest meets the sea by Jeannie Baker • The Big Book of Bugs by Yuval Zommer 	
<p>UKS2</p> <p><u>Other UKS2 Science Books</u></p> <ul style="list-style-type: none"> • WhizzPopBang magazine see www.whizzpopbang.com • 	<p><u>Earth & Space</u></p> <ul style="list-style-type: none"> • How to be an Astronaut and Other Space Jobs by Dr Sheila Kanani • George’s Secret Key to the Universe (see www.stem.org.uk/teaching-science-through-stories) • The Skies Above My Eyes by Charlotte Guillain and Yuval Zommer • The Way Back Home by Oliver Jeffers 	<p><u>Forces</u></p> <ul style="list-style-type: none"> • The Tin Snail (see www.stem.org.uk/teaching-science-through-stories) • The Enormous Turnip by Katie Daynes • Leonardo’s Dream by Hans de Beer • The Aerodynamics of Biscuits by Clare Helen Welsh • <p><u>Simple machines</u></p> <ul style="list-style-type: none"> • Until I met Dudley – Also used for Y4 English ‘Explanations’ see www.youtube.com/watch?v=Bkz0W0zF8IQ and lots more resources online • Lighthouse keeper’s lunch – see www.ogdentrust.com/about-us/news/partnership-science-fair • 	<p><u>Properties & changes of materials</u></p> <ul style="list-style-type: none"> • Kensukes Kingdom (see www.stem.org.uk/teaching-science-through-stories) • What a Waste by Jess French • George’s Marvellous medicine (see www.roalddahl.com) 	<p><u>Animals incl. humans</u></p> <ul style="list-style-type: none"> • Hair in Funny Places by Babette Cole • Giant by Kate Scott • You’re Only Old Once! By Dr Seuss 	<p><u>Living things & Habitats</u></p> <ul style="list-style-type: none"> • Beetle boy • Charlotte’s Web by EB White • The Land of Neverbelieve by Norman Messenger • Mummy Laid an Egg by Babette Cole • Insect Soup by Barry Louis Polisar • Fur and Feathers by Janet Halfman 	
	<p><u>Electricity</u></p> <ul style="list-style-type: none"> • Goodnight Mr Tom (see www.stem.org.uk/teaching-science-through-stories) • The boy who harnessed the wind (YP version). Also see www.ogdentrust.com/resource/s/research-cards-black-physicists • Hitler’s Canary by Sandi Toksvig • The boy who invented TV • Lighthouse keeper’s lunch – see www.ogdentrust.com/about-us/news/partnership-science-fair • 	<p><u>Light</u></p> <ul style="list-style-type: none"> • Blackout by John Rocco 	<p><u>Evolution and Inheritance</u></p> <ul style="list-style-type: none"> • Molliebird by Jules Pottle • DNA Detectives by Dr Mandy Hartley • One Beetle too many (Charles Darwin’s story) by Kathryn Laskey • One Smart Fish (see www.stem.org.uk/teaching-science-through-stories) • Our family Tree (Picture book) 	<p><u>Animals incl. humans</u></p> <ul style="list-style-type: none"> • Pig heart Boy by Malorie Blackman • Skellig by David Almond • A Heart Pumping Adventure by Heather Manley 	<p><u>Other UKS2 Science Books</u></p> <ul style="list-style-type: none"> • Simon Mayo’s Itch trilogy (see www.stem.org.uk/teaching-science-through-stories) • Out of this World by Ali Sparkes 	