



Texts to Support Science Learning and Understanding						
<b>EY FS</b>	<b>Animals</b> <ul style="list-style-type: none"> <li>• How Many Legs by Kes Gray &amp; Jim Field</li> <li>• Dear Zoo by Rod Campbell</li> <li>• Aaaarrggh Spider by Lydia Monks</li> <li>• Superworm by Julia Donaldson</li> <li>• The Very Hungry Caterpillar by Eric Carle</li> <li>• Owl Babies by Martin Wadell (see Twinkl Owlets resources)</li> <li>• Mr Gumpy's Outing by John Burningham</li> </ul>	<b>Plants</b> <ul style="list-style-type: none"> <li>• The Tiny Seed, by Eric Carle</li> <li>• Jack and the Beanstalk</li> <li>• Jasper's Beanstalk by Nick Butterworth, Mick Inkpen</li> <li>• The Enormous Turnip by Katie Daynes</li> <li>• Tree by Britta Teckentrup</li> </ul>	<b>Space</b> <ul style="list-style-type: none"> <li>• Look Up! by Nathan Bryon</li> <li>• The Darkest Dark by (Astronaut) Chris Hadfield</li> <li>• The Way Back Home by Oliver Jeffers</li> <li>• How to Catch a Star by Oliver Jeffers</li> <li>• Aliens Love Underpants</li> <li>• Man on the Moon (A Day in the Life of Bob) by Simon Bartram</li> <li>• Whatever Next? By Jill Murphy</li> </ul>	<b>Our Bodies &amp; Food</b> <ul style="list-style-type: none"> <li>• Supertato by Sue Hendra</li> <li>• Eat Up Gemma by Sarah Hayes, Jan Ormerod</li> <li>• T-veg (and Dinosaurs) by Smriti Prasadam-Halls</li> </ul>	<b>Autumn Term</b> <ul style="list-style-type: none"> <li>• Stick Man (before Christmas)</li> </ul> <b>Winter</b> <ul style="list-style-type: none"> <li>• Snow Bears by Martin Wadell</li> </ul> <b>Summer/Holiday/Gardens</b> <ul style="list-style-type: none"> <li>• Stanley's Stick, by John Hegley</li> <li>• Yucky Worms by Vivian French</li> <li>• Commotion in the Ocean by Giles Andreae and David Wojtowycz</li> </ul>	<b>Books about STEM Careers and 'fictional' characters</b> <ul style="list-style-type: none"> <li>• Smart Pickings by Lynne Bianchi</li> <li>• Rosie Revere Engineer, Ada Twist Scientist, Iggy Peck Architect</li> <li>• My Mummy is a Scientist (also Engineer, Plumber, Farmer &amp; Firefighter ) and 'My Daddy is a Nurse' by Patti Kieffer</li> <li>• Violet the Pilot by Steve Breen</li> </ul>
<b>KS 1</b>	<b>Seasonal Change</b> <ul style="list-style-type: none"> <li>• The Story Orchestra: Four Seasons in One Day (Sound Book) by J Courtney-Tickle</li> <li>• Stories of the Seasons</li> </ul>	<b>Everyday Materials</b> <ul style="list-style-type: none"> <li>• Gingerbread Man</li> <li>• Three Little Pigs (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a> )</li> </ul>	<b>Plants (see above)</b> <ul style="list-style-type: none"> <li>• Ten Seeds by Ruth Brown</li> <li>• A Seed is Sleepy by Dianna Aston</li> </ul>	<b>Animals incl. Humans</b> <ul style="list-style-type: none"> <li>• Oliver's Vegetables by Vivian French (see Twinkl resources)</li> <li>• Oliver's Fruit Salad by Vivian French</li> </ul>	<b>Living Things &amp; Their Habitats</b> <ul style="list-style-type: none"> <li>• Percy the Park Keeper, After the Storm by Nick Butterworth</li> <li>• Meerkat Mail by Emily Gravett</li> </ul>	



	<p>by Igloo books</p> <ul style="list-style-type: none"> <li>• Alfie Weather by Shirley Hughes</li> <li>• One Year With Kipper by Mick Inkpen (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a> )</li> <li>• Tree: Seasons Come, Seasons Go by Patricia Hegarty and Britta Teckentrup</li> <li>• One Year With Kipper by Mick Inkpen</li> <li>• The Wind Blew by Pat Hutchins</li> <li>• The Growing Story by Ruth Krauss</li> </ul>	<ul style="list-style-type: none"> <li>• Three Billy Goats Gruff</li> <li>• Let's Build a House by Mick Manning and Brita Granström</li> <li>• Traction Man is Here by Mini Grey</li> </ul>		<ul style="list-style-type: none"> <li>• Handa's Surprise by Eileen Browne (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</li> <li>• Once There Were Giants by Martin Waddell and Penny Dale</li> <li>• Funny Bones by Allan Ahlberg</li> <li>• The Growing Story by Ruth Krauss</li> <li>• Look Out! How We Use Our Five Senses by Leon Read</li> <li>• Tad by Benji Davies</li> </ul>	<ul style="list-style-type: none"> <li>• No Place Like Home by Jonathon Emmett</li> <li>• Little Acorn by Igloo books</li> <li>• The Big Book of the Blue by Yuval Zommer</li> <li>• Many: The Diversity of Life on Earth by Nicola Davies and Emily Sutton</li> </ul>	<ul style="list-style-type: none"> <li>• The Most Magnificent Thing by Ashley Spires</li> <li>• Amanda Bean's Amazing Dream by Cindy Neuschwander</li> </ul> <p><b>Books about multiple (many focusing on diverse/minority) STEM role models</b></p> <ul style="list-style-type: none"> <li>• 1001 Inventions and Awesome Facts From Muslim Civilization by National Geographic</li> </ul> <p><b>Books about individual STEM Role</b></p>
LK S2	<p><b>Forces &amp; Magnets</b></p> <ul style="list-style-type: none"> <li>• The Iron Man by Ted Hughes</li> <li>• My Gumpy's Motor Car by John Burningham (friction)</li> </ul>	<p><b>Light</b></p> <ul style="list-style-type: none"> <li>• Can't You Sleep Little Bear? By Martin Waddell.</li> <li>• The Owl Who Was Afraid Of The Dark by Jill Tomlinson</li> </ul>	<p><b>Rocks</b></p> <ul style="list-style-type: none"> <li>• Stone Girl, Bone Girl: by Laurence Anholt</li> <li>• The Fossil Girl by Catherine Brighton</li> <li>• Under Earth, Under</li> </ul>	<p><b>Animals incl. Humans</b></p> <ul style="list-style-type: none"> <li>• The Gruffalo by Julia Donaldson (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</li> <li>• Tadpole's Promise by</li> </ul>	<p><b>Plants</b></p> <ul style="list-style-type: none"> <li>• The Extraordinary Gardener by Sam Boughton</li> <li>• A Seed Is Sleepy</li> <li>• The Story of Frog Belly</li> </ul>	



	<ul style="list-style-type: none"> <li>• Mrs Armitage: Queen of the Road by Quentin Blake</li> <li>• Mr Archimedes' Bath by Pamela Allen</li> <li>• Swim Little Wombat, Swim by Charles Fuge</li> </ul>	<ul style="list-style-type: none"> <li>• Oscar and the Moth by Geoff Waring</li> <li>• The Day I Met My Shadow</li> <li>• The Firework Maker's Daughter by Phillip Pullman</li> <li>• The Dark by Lemony Snicket</li> </ul>	<p>Water by Aleksandra and Daniel Mizielinski</p> <ul style="list-style-type: none"> <li>• The Street Beneath My Feet by Charlotte Guillain and Yuval Zommer</li> <li>• Pebble In My Pocket by Meredith Hooper and Chris Coady (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</li> <li>• Stone Underpants by Rebecca Lisle</li> </ul>	<p>Jeane Willis and Tony Ross (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</p> <ul style="list-style-type: none"> <li>• I Will Never Ever Eat a Tomato by Lauren Child</li> <li>• Spider Sandwiches by Claire Freedman</li> <li>• Flat Stanley by Jeff Brown</li> <li>• Tiger, Tiger, Burning Bright!: An Animal Poem for Every Day of the Year by Fiona Waters</li> </ul>	<p>Rat Bone by Timothy Basil Ering</p> <ul style="list-style-type: none"> <li>• The Hidden Forest by Jeannie Baker</li> <li>• George and Flora's Secret Garden by Jo Elworthy</li> <li>• Oh Say You Can Seed! By Bonnie Worth</li> <li>• A Tree is a Plant by Clyde Bonnie Bulla</li> </ul>	<p><b>models (particularly Women) not listed under science topics</b></p> <ul style="list-style-type: none"> <li>• Counting on Katherine by Helaine Becker</li> <li>• Ada Byron Lovelace and the Thinking Machine by Laurie Wallmark</li> <li>• Hidden Figures YP version by Margot Lee Shetterley</li> </ul>
	<p><b>Sound</b></p> <ul style="list-style-type: none"> <li>• Nothing stopped Sophie by Cheryl Bardoe</li> <li>• Mrs Armitage on Wheels by Quentin Blake</li> <li>• Oscar and the Bat by Geoff Waring</li> </ul>	<p><b>Electricity</b></p> <ul style="list-style-type: none"> <li>• Oscar and the Bird: A Book About Electricity by Geoff Waring</li> <li>• The Lighthouse Keeper's Lunch by David and Ronda Armitage</li> <li>• Until I Met Dudley by Roger McGough</li> </ul>	<p><b>States of Matter</b></p> <ul style="list-style-type: none"> <li>• The Rhythm of the Rain by G Baker-Smith</li> <li>• The storm whale in winter by Benji Davies</li> <li>• Charlie and the Chocolate Factory by Roald Dahl</li> <li>• Once Upon a</li> </ul>	<p><b>Animals incl. Humans</b></p> <ul style="list-style-type: none"> <li>• The Little Mole Who Knew It Was None of His Business by Werner Holzwarth (Digestion - see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</li> <li>• Human Body Odyssey by Werner Holzwarth</li> </ul>	<p><b>Living Things &amp; Habitats</b></p> <ul style="list-style-type: none"> <li>• The Great Kapok Tree by Lynne Cherry (can be used for many topics across school)</li> <li>• The Vanishing Rainforest by Richard Platt (see <a href="http://www.stem.org.uk/teaching-science-through-stories">www.stem.org.uk/teaching-science-through-stories</a>)</li> </ul>	<ul style="list-style-type: none"> <li>• Mae in the Stars? by Roda Ahmed</li> <li>• The Girl with a Mind for Math: The Story of Raye Montague by</li> </ul>



	<ul style="list-style-type: none"> <li>• Peace at Last by Jill Murphy</li> <li>• Horrid Henry Rocks by Francesca Simon</li> <li>• Moonbird by Joyce Dunbar</li> <li>• The Pied Piper of Hamelin by Natalia Vasquez</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Wizard: How Nikola Tesla Lit Up The World by Elizabeth Rusch</li> </ul>	<p>Raindrop: The Story of Water by James Carter</p> <ul style="list-style-type: none"> <li>• Sticks by Diane Alber</li> <li>• States of Matter poem by Michael Rosen</li> </ul>	<ul style="list-style-type: none"> <li>• Crocodiles Don't Brush Their Teeth by Colin Fancy</li> <li>• Wolves by Emily Gravett</li> <li>• David Attenborough Big Dreams book</li> </ul>	<p>stories )</p> <ul style="list-style-type: none"> <li>• Race to the Frozen North by Catherine Johnson</li> <li>• This Morning I Met a Whale by Michael Morpurgo</li> <li>• Journey to the River Sea by Eva Ibbotson</li> <li>• Where the Forest Meets the Sea by Jeannie Baker</li> <li>• The Big Book of Bugs by Yuval Zommer</li> </ul>	<p>Julia Finley Mosca</p> <ul style="list-style-type: none"> <li>• Margaret And The Moon by Lucy Knisley and Dean Robbins</li> <li>• Nothing Stopped Sophie by Cheryl Bardoe and Barbara McClintock(Yo utube)</li> <li>• Shark Lady: The Daring Tale of How Eugenie Clark Dove Into History by Eugenie Clark</li> </ul>
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<p><b>UKS2</b></p>	<p><b>Earth &amp; Space</b></p> <ul style="list-style-type: none"> <li>• How to be an Astronaut and Other Space Jobs by Dr Sheila Kanani</li> <li>• George's Secret Key to the Universe by Lucy Hawking</li> <li>• The Skies Above My Eyes by Charlotte Guillain and Yuval Zommer</li> <li>• The Way Back Home by Oliver Jeffers</li> </ul>	<p><b>Forces</b></p> <ul style="list-style-type: none"> <li>• The Tin Snail by Cameron McAllister</li> <li>• The Enormous Turnip by Katie Daynes</li> <li>• Leonardo's Dream by Hans de Beer</li> <li>• The Aerodynamics of Biscuits by Clare Helen Welsh</li> <li>• Until I met Dudley by Roger McGough</li> <li>• Lighthouse Keeper's Lunch by David Armitage</li> </ul>	<p><b>Properties &amp; changes of materials</b></p> <ul style="list-style-type: none"> <li>• Kensukes Kingdom by Michael Morpurgo</li> <li>• What a Waste by Jess French</li> <li>• George's Marvellous Medicine BY Roald Dahl</li> </ul>	<p><b>Animals incl. Humans</b></p> <ul style="list-style-type: none"> <li>• Hair in Funny Places by Babette Cole</li> <li>• Giant by Kate Scott</li> <li>• You're Only Old Once! By Dr Seuss</li> </ul>	<p><b>Living Things &amp; Habitats</b></p> <ul style="list-style-type: none"> <li>• Beetle Boy by M.G. Leonard</li> <li>• Charlotte's Web by EB White</li> <li>• The Land of Neverbelieve by Norman Messenger</li> <li>• Mummy Laid an Egg by Babette Cole</li> <li>• Insect Soup by Barry Louis Polisar</li> <li>• Fur and Feathers by Janet Halfman</li> </ul>	
	<p><b>Electricity</b></p> <ul style="list-style-type: none"> <li>• Goodnight Mr Tom by Michelle Magorian</li> <li>• The Boy Who</li> </ul>	<p><b>Light</b></p> <ul style="list-style-type: none"> <li>• Blackout by John Rocco</li> </ul>	<p><b>Evolution and Inheritance</b></p> <ul style="list-style-type: none"> <li>• Molliebird by Jules Pottle</li> </ul>	<p><b>Animals incl. Humans</b></p> <ul style="list-style-type: none"> <li>• Pig Heart Boy by Malorie Blackman</li> </ul>	<p><b>Other UKS2 Science Books</b></p> <ul style="list-style-type: none"> <li>• Simon Mayo's Itch trilogy</li> </ul>	



	<p>Harnessed the Wind by Bryan Mealer and William Kamkwamba(YP version)</p> <ul style="list-style-type: none"><li>• Hitler's Canary by Sandi Toksvig</li><li>• The Boy Who Invented TV by Kathleen Krul</li><li>• Lighthouse Keeper's Lunch by David Armitage</li></ul>		<ul style="list-style-type: none"><li>• DNA Detectives by Dr Mandy Hartley</li><li>• One Beetle too many (Charles Darwin's story) by Kathryn Laskey</li><li>• One Smart Fish by Christopher Wormell</li><li>• Our Family Tree by Lisa Westberg Peters (Picture book)</li></ul>	<ul style="list-style-type: none"><li>• Skellig by David Almond</li><li>• A Heart Pumping Adventure by Heather Manley</li></ul>	<ul style="list-style-type: none"><li>• Out of this World by Ali Sparkes</li></ul>	
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