



Science & Story Links - Light



Story	Suitable for	Possible Questions to Investigate
The Dark—Lemony Snickett	KS2	Does The Dark really behave like it does in the story?
The Gruffalo's Child—Julia Donaldson	EYFS, KS1, KS2	How could the mouse make his shadow even bigger/smaller? How could the mouse change the shape of his shadow?
Can't You Sleep Little Bear? - Martin Waddell	EYFS, KS1	What could little bear use to make it brighter in the cave?
The Owl Who Was Afraid of the Dark	KS1, KS2	Can owls see in the dark? If not, how do they hunt? What is 'dark'? Can you explain why Plop needn't be afraid?
Goodnight Mr Tom—Michelle Morgan	KS2	Which material will be best to blackout our windows?
Blackout—John Rocco	EYFS, KS1	What light can we find at night? What if we didn't have electric lights at school?
The Game in the Dark—Herve Tullet	EYFS, KS1, KS2	How are shadows formed? How can we change the shape/size of shadows? Which materials would be best for a book like this that casts shadows?

Other Related Stories:

Keesha's Bright Idea—Eleanor May

The Firework Maker's Daughter—Philip Pullman

The Darkest Dark—Chris Hadfield

Orion and the Dark—Emma Yarlett

That Science Lady—Kathryn Horan

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Science & Story Links - Sound



Story	Suitable for	Possible Questions to Investigate
Peace at Last—Jill Murphy	EYFS, KS1, KS2	What sounds can we hear in the classroom? In the outdoor area? In the dinner hall? What would be the best material for some ear muffs for Mr Bear?
What the Ladybird Heard—Julia Donaldson	EYFS, KS1, KS2	Can you hear where sounds are coming from? Which are the clearest sounds over distance?
Polar Bear, Polar Bear, What do you Hear? - Eric Carle	EYFS	What sounds do different animals make? What animals would you find in a polar environment?
Moonbird—Joyce Dunbar	KS1	What if we didn't have our sense of hearing?
What the Jackdaw Saw—Julia Donaldson	EYFS, KS1, KS2	How can we communicate without sound? Do all animals communicate with sound?
Other Related Stories		
Horrid Henry Rocks— Francesca Simon		
Little Beaver and the Echo—Amy Macdonald		
The Sound of Silence—Katrina Goldasito & Julia Kuo		
Zin! Zin! Zin! A Violin! - Llyod Moss		

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Science & Story Links - Forces



Story	Suitable for	Possible Questions to Investigate
Up and Down—Oliver Jeffers	EYFS, KS1, KS2	Do all things that go up come down? Why can some birds fly and some can't? Can animals other than birds fly? How does a bird's wing shape affect how it flies?
Old Bear—Jane Hissey	KS2	Which material is best for a parachute for a teddy?
Stuck—Olivier Jeffers	EYFS	Something is stuck in a tree in our outdoor area! How can we get it down?
The Lighthouse Keeper's Lunch — Ronda & David Armitage	KS2	Can we create a pulley system to get lunch to the lighthouse keeper?
The Tin Snail—Cameron McAlistair	KS1, KS2	Can we create a vehicle that will shield its passengers from bumps in the road? How strong is an eggshell? What is the best container to transport eggs in to prevent them from breaking?
Act Normal, Don't Tell Anyone about the Rhinoceros Magnet—Christian Darkin	EYFS	Which materials are attracted to magnets? Are rhinoceroses attracted to magnets?

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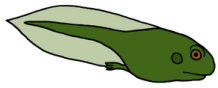


Science & Story Links - Space



Story	Suitable for	Possible Questions to Investigate
Hidden Figures—Margot Shetterly	KS2	How many people does it take to get one person to the Moon? What jobs are involved in space exploration?
Whatever Next! - Jill Murphy	EYFS, KS1	What would you need to pack for a trip to the Moon? What are spacesuits made out of?
The Darkest Dark—Chris Hadfield	KS2	Is it dark in space?
Curiosity, the Story of a Mars Rover—Markus Motum	KS2	Can we design a shock-absorbing system that will allow a Mars Rover to land undamaged on the surface of Mars?
Bob, Man on the Moon—Simon Bartram	KS1, KS2	What does the surface of the Moon look like? Why are there craters on the Moon? How are craters formed? How does the size of a meteorite affect the size/shape/depth of a crater?
Dinosaurs and All That Rubbish—Michael Foreman	KS2	Can any of the other planets in our solar system support life?
Other Related Stories:		
Space Tortoise—Ross Montgomery		
Fortunately the Milk—Neil Gaiman		
I Love You, Michael Collins—Lauren Baratz-Logstead		
Margaret and the Moon—Dean Robbins		
George's Secret Key to the Universe—Lucy & Stephen Hawking		

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Science & Story Links - Life Cycles

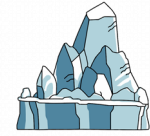


Story	Suitable for	Possible Questions to Investigate
Tadpole's Promise—Jeanne Willis & Tony Ross	KS1, KS2	What are the similarities and differences in the life cycles of a frog and a butterfly? What other insects go through metamorphosis?
Monkey Puzzle—Julia Donaldson	EYFS, KS1	Do all baby animals look like their mothers? How do different animals change as they grow?
The Very Hungry Caterpillar—Eric Carle	EYFS, KS1, KS2	How do caterpillars change over time? What do caterpillars eat? Is there a link between the size of a caterpillar and the size of the butterfly it turns into?
Cicada—Shaun Tan	KS2	How is a real cicada's life cycle similar/different to the one in the story?
The Boy in the Tower—Polly Ho-Yen	KS2	How do different plants reproduce? Which plants reproduce using spores?
Other Related Stories:		
The Tiny Seed—Eric Carle		
Ten Munching, Crunching Caterpillars—Sheridan Cain		
Once There Were Giants—Martin Waddell		
Tad—Benji Davis		

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Science & Story Links - Habitats



Story	Suitable for	Possible Questions to Investigate
Lost and Found— Oliver Jeffers	EYFS, KS1, KS2	What animals live in a polar climate? How do animals survive in very cold places? Do all penguins live in cold places? How are those that don't adapted to their environment differently to those in very cold places?
Meerkat Mail—Emily Gravett	KS2	Which habitats would be suitable for meerkats to live in if they lost their home?
The Night Flower—Lara Hawthorne	KS2	Are plants/flowers different shapes during the night and the day? How does the shape/position of a flower change over the course of a day?
Other Related Stories: Dear Greenpeace—Simon James Dinosaurs and All That Rubbish—Michael Foreman The Great Kapok Tree—Lynne Cherry		

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Science & Story Links - Rocks, Fossils & Soils

Story	Suitable for	Possible Questions to Investigate
A Pebble in My Pocket— Meredith Hooper	KS2	What clues can we see in our rocks of the journey they have been on? How can we group and sort our collection of rocks?
Pebble: A Story about Belonging—Susan Milord	KS2	What makes one rock different from another? Which rock is the odd one out and why?
Other Related Stories: Stone Girl, Bone Girl—Laurence Anholt Dinosaurs and All That Rubbish—Michael Foreman		



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Science & Story Links - Plants



Story	Suitable for	Possible Questions to Investigate
The Tiny Seed—Eric Carle	EYFS, KS2	Do all seeds look the same? How can we sort them? How are seeds dispersed? What is the most effective shape for a seed that is dispersed by wind?
Jasper's Beanstalk—Nick Butterworth	EYFS, KS1	How fast do plants grow? Do all plants grow at the same speed? What affects the speed at which plants grow?
The Night Flower—Lara Hawthorne	KS2	Are plants/flowers different shapes during the night and the day? How does the shape/position of a flower change over the course of a day?
The Owl Tree—Jenny Nimmo	KS2	How many different animals live in/obtain food from a single tree? Do different kinds of tree house different kinds of animals?
A Seed is Sleepy—Dianna Aston & Sylvia Long	KS1, KS2	What is inside a seed/bulb? Do smaller seeds germinate and grow more slowly?
Other Related Stories: Bloom—Nicola Skinner Under the Canopy—Iris Volant		
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Science & Story Links - Animal Classification

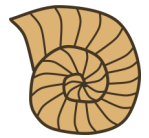
Story	Suitable for	Possible Questions to Investigate
What the Ladybird Heard—Julia Donaldson	EYFS	Can we identify an animal just by hearing the noise it makes? How can we sort & group farmyard animals?
Giraffes Can't Dance—Giles Adrae	EYFS, KS1	How do different animals move? How does this help them catch food/avoid predators?
The Gruffalo—Julia Donaldson	KS1, KS2	How could we classify the animals in the story? How could we classify the Gruffalo?
Beetle Boy—M G Leonard	KS2	How could we classify the small creatures living in our outdoor area? Could we create a classification key to help others identify them?



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Science & Story Links—Evolution & Adaptation



Story	Suitable for	Possible Questions to Investigate
Moth—Isabel Thomas	KS2	What coloured moths would be best camouflaged in our school environment?
The Molliebird—Jules Pottle & Rufus Thomas	KS2	From how far can we see differently coloured things on our playground? On the grass?
Giraffes Can't Dance—Giles Andreae	KS2	Which animals use courtship displays to attract a mate?
Lost & Found—Oliver Jeffers	KS2	Do all penguins live in cold places? How are different kinds of penguin suited to different habitats?
Other Related Stories: One Smart Fish—Chris Wormell The Arrival—Shaun Tan Dogs—Emily Gravett What Mr Darwin Saw—Mick Manning		

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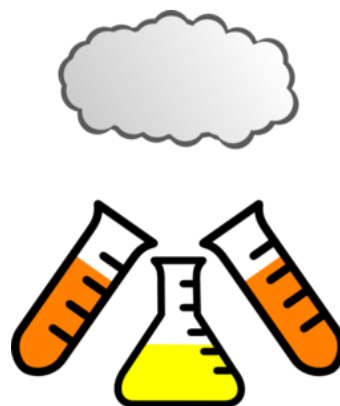
Science & Story Links - Properties & Changes of Materials 1

Story	Suitable for	Possible Questions to Investigate
Little Lumpty—Miko Imai	EYFS, KS1, KS2	Which material will be best to catch a falling egg? How far can an egg fall without breaking? Is an egg more likely to break if it falls on its side or its head?
Santa is Coming to Leeds—Steve Smallman (other cities available)	EYFS, KS1	It's very rainy in Leeds! Which material will be best to cover the presents on Santa's sleigh to stop them getting wet?
NoBot—Sue Hendra	EYFS, KS1, KS2	Which material will be the best to stick Bernard the robot's bottom back on?
Hansel and Gretel—Bethan Woollvin	EYFS, KS1, KS2	Willow the witch needs to build a new house after the horrible children ate it. Which chocolate bar/biscuit will be the best to build with?
Aliens Love Underpants— Claire Freedman	KS1, KS2	Which underpants have the best pingy pants elastic for catapulting aliens around?
The Haunted House—Kazuno Kohara	EYFS, KS2	The little witch has found some more ghosts! Where will be the best place to put them after washing so that they dry quickly?
Lost & Found—Oliver Jeffers	EYFS, KS1	Which material(s) will be best to make a boat to transport a penguin back to the Sout Pole?

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Science & Story Links - Properties & Changes of Materials 2

Story	Suitable for	Possible Questions to Investigate
Supertato—Sue Hendra	EYFS	The Evil Pea has frozen some carrots in blocks of ice! What is the quickest way to melt the ice and free them?
Stick Dog Dreams of Ice Cream— Tom Watson	KS2	Which material will be best to keep our ice cream solid?
Other Related Stories: George’s Marvellous Medicine — Roald Dahl Charlie and the Chocolate Factory—Roald Dahl The Three Little Wolves and the Big Bad Pig—Eugene Trivisas Itch—Simon Mayo		



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Other Awesome Reads!

Text	Suitable for	What is it?
Horrible Science Series—Nick Arnold	KS2	Science with the squishy bits left in! These funny and often gruesome science books are great for KS2 children, with many that link directly to National Curriculum topics (Blood, Bones and Body Bits, Angry Animals, Chemical Chaos, Disgusting Digestion, Evolve or Die, Fatal Forces, Frightening Light, Microscopic Monsters, Space, Stars and Slimy Aliens, Shocking Electricity, Sounds Dreadful)
Whizz Pop Bang Magazine	KS2	Monthly science magazine that includes facts, interviews with real scientists, activities and science news stories. Back issues can be ordered from the website if you're looking for something specific
Rosie Revere, Engineer, Iggy Peck, Architect & Ada Twist, Scientist—Andrea Beaty	KS1, KS2	Lovely rhyming stories about children interested in science and engineering.
Actual Size, Prehistoric Actual Size & Just a Minute—Steve Jenkins	EYFS, KS1, KS2	Picture books packed full of cool facts about animals, many depicted in actual size. Absolutely brilliant for maths links!



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