

Science Reading List

Year	Title of Article or Online Book	Hyperlink to Reading
7 & 8	Can we smell Malaria?	https://sciencejournalforkids.org/wp-content/uploads/2019/10/volatile_article.pdf
	How can a community protect everyone from disease?	https://sciencejournalforkids.org/wp-content/uploads/2019/09/Herd_article.pdf
	Is Antarctica Losing its Penguins?	https://sciencejournalforkids.org/wp-content/uploads/2019/09/penguins_article.pdf
	Alexander Fleming - The Discoverer of the First Antibiotic	https://kids.frontiersin.org/article/10.3389/frym.2019.00159
	How could we use genetics to make a Unicorn	https://www.sciencenewsforstudents.org/article/what-would-it-take-to-make-a-unicorn
	What does the pH scale tell us	https://www.sciencenewsforstudents.org/article/explainer-what-the-ph-scale-tells-us
	Ideas of science fiction that became science fact	https://www.popsoci.com/education-book-excerpt-sci-fi/
	Was Lamarck all that wrong? A wormlike creature that lived more than 555 million years ago is the earliest bilaterian	https://www.sciencedaily.com/releases/2020/03/200323152108.htm
	How can we use genetic engineering to get rid of malaria for good?	https://sciencejournalforkids.org/wp-content/uploads/2020/03/dsx_article.pdf
	Why is Saturn the new “Moon King”?	https://www.sciencenewsforstudents.org/article/saturn-now-reigns-solar-systems-moon-king

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7 & 8	Are poachers rhinos' only problem?	https://sciencejournalforkids.org/wp-content/uploads/2019/09/Rhinos2_article.pdf
	How are medicines entering our water?	https://sciencejournalforkids.org/wp-content/uploads/2019/09/Betta_Fish_article.pdf
	What does the periodic table tell us?	https://www.sciencenewsforstudents.org/article/scientists-say-periodic-table
	How are fossils formed?	https://www.sciencenewsforstudents.org/article/scientists-say-fossil
	How bad are fossil fuels for methane emissions?	https://www.sciencenews.org/article/fossil-fuel-use-may-emit-more-methane-than-thought
	Can a parasite stop fear?	https://www.sciencenews.org/article/parasite-makes-mice-unafraid-cats-may-quash-other-fears
	Days used to be half an hour shorter!	https://www.sciencedaily.com/releases/2020/03/200309135410.htm
	Is our water system full of invisible plastics?	https://www.sciencedaily.com/releases/2020/03/200313155254.htm
	Why did lithium ion batteries just win a Nobel prize?	https://www.chemistryworld.com/news/why-have-lithium-ion-batteries-just-won-the-chemistry-nobel-prize/4010479.article
	The turtles the size of cars that used to roam the Earth	https://www.dogonews.com/2020/2/24/these-car-sized-turtles-once-prowled-the-lakes-and-rivers-of-northern-south-america
	Using the Archimedes Principle to rescue an elephant	https://www.dogonews.com/2020/1/31/rescuers-in-northeast-india-use-the-archimedes-principle-to-save-an-elephant-in-distress

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	NASA gives technical help from 11.5 billion miles away!	https://www.dogonews.com/2020/2/11/nasa-engineers-fix-glitch-on-voyager-2-spacecraft-from-11-dot-5-billion-miles-away
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9, 10 & 11	Frankenstein (Mary Shelly)	https://www.planetebook.com/free-ebooks/frankenstein.pdf
	Greta Thunberg: Why I began the climate protests that are going global	https://www.newscientist.com/article
	Here's where bacteria live on your tongue cells	https://www.sciencenews.org/article/
	A distant cousin of jellyfish may survive without working mitochondria	https://www.sciencenews.org/article/where-bacteria-live-our-tongue-cells-map
	UK man becomes second person cured of HIV after 30 months virus-free	https://www.livescience.com/second-person-cured-hiv-adam-castillejo.html
	Happy Gut Bacteria, Happy Brain	https://kids.frontiersin.org/article
	What's 'Super' about Super Gonorrhoea?: A Q&A with WHO's Dr. Teodora Wi	https://www.who.int/news-room/campaigns
	The Magic Bullet for Treatment of Blood Cancer	https://kids.frontiersin.org/article
	Using the Brain to Heal - The Placebo Effect	https://kids.frontiersin.org/article/
	Cervical cancer: free vaccination and change to	https://www.sciencefocus.com/news/cervical-cancer-free-vaccination

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9, 10 & 11	smear tests could eliminate disease	
	Coronavirus: US man dies after taking drug he thought stopped virus (Chloroquine)	https://www.bbc.co.uk/news/52012242
	Deforestation Explained	https://www.nationalgeographic.com
	Bitcoin Causing Carbon Dioxide Emissions Comparable to Las Vegas or Hamburg	https://www.sciencedaily.com/releases/2019/06/190613104533.htm
	For 'blade runners' taller doesn't necessarily mean faster Rule limiting height for Paralympic sprinters is baseless	https://www.sciencedaily.com/releases/2020/02/200220182745.htm
	Mysterious release of radioactive material uncovered	https://www.sciencedaily.com/releases/2019/07/190729151844.htm
	The Stem cell controversy	http://terpconnect.umd.edu/~nan/738readings/Nisbet%20et%20al%202003%20stem%20cell.pdf
	Boy or girl? It's in the father's genes - helping prospective parents work out whether they are likely to have sons or daughters.	https://www.sciencedaily.com/releases/2008/12/081211121835.htm
	Later school start times reduce car crashes, improve teen safety	https://www.sciencedaily.com/releases/2020/02/200218125312.htm
	What is Biodiversity and why does it matter	https://www.theguardian.com/news/2018/mar/12/what-is-biodiversity-and-why-does-it-matter-to-us

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9, 10 & 11	Fracking – the reality, the risks and what the future holds	https://www.theguardian.com/news/2018/feb/26/fracking-the-reality-the-risks-and-what-the-future-holds
	Covid 19 explained	https://www.the-scientist.com/news-opinion/possible-biological-explanations-for-kids-escape-from-covid-19-67273
	Earth’s resources consumed in ever greater destructive volumes	https://www.theguardian.com/environment/2018
	Rocks and the Earth	https://www.nationalgeographic.com/science/earth/inside-the-earth/rocks/
	Isaac Newton: The Giants of Science Series	https://stories.audible.com/pdp/1094089273?ref=adbl_ent_anon_sc_pdp_pc_10
	World’s wind power capacity has a record year	https://www.theguardian.com/environment/2020/mar/25/worlds-wind-power-capacity-up-by-fifth-after-record-year
	The sixth sense: can humans detect the Earth’s magnetic field?	https://www.theguardian.com/science/2019/apr/06/scientists-suggest-human-body-may-detect-earths-magnetic-field
	New minor planets found beyond Neptune	https://www.sciencedaily.com/releases/2020/03/200311161853.htm
	Water balloon physics	https://www.sciencedaily.com/releases/2020/03/200320101627.htm
	Water splitting advance for affordable renewable energy	https://www.sciencedaily.com/releases/2020/03/200309130034.htm
	What if we mined the moon?	https://www.sciencefocus.com/space/what-if-we-mined-the-moon/

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	Blood test to check for more than 50 types of cancer	https://www.bbc.co.uk/news/health-52090359
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Key Stage 3 fiction books with a Science theme **for purchase**

Title of Book	Hyperlink to Amazon
Baby Aliens Got My Teacher (Pamela Butchard)	https://www.amazon.co.uk/Baby-Aliens-Got-My-Teacher/dp/085763237X
At the World's End (Catherine Fisher)	https://www.amazon.co.uk/At-Worlds-End-Catherine-Fisher/dp/178112471X
Pig Heart Boy (Malorie Blackman)	https://www.amazon.co.uk/Pig-Heart-Boy-Malorie-Blackman/dp/055255166X
Flood Child (Tom Huddleston)	https://www.amazon.co.uk/Floodworld-Tom-Huddlestone/dp/1788004345
Goodnight Mr Tom (Michelle Magorian)	https://www.amazon.co.uk/Goodnight-Mister-Tom-Puffin-Book/dp/0141354801
Cakes in Space (Philip Reeves)	https://www.amazon.co.uk/Cakes-Space-Philip-Reeve/dp/0192734903
The Butterfly Club (Jacqueline Wilson)	https://www.amazon.co.uk/Butterfly-Club-Jacqueline-Wilson/dp/0552569933
Itch (Simon Mayo)	https://www.amazon.co.uk/Itch-Simon-Mayo/dp/0552565504

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Mortal Chaos (Matt Dickenson)	https://www.amazon.co.uk/Mortal-Chaos-Matt-Dickinson/dp/019275713X
The Wild Robot (Peter Brown)	https://www.amazon.co.uk/Wild-Robot-Peter-Brown/dp/1848127278