



Year 9 Science



Task	Details	Points
Height	Find out why you are taller in the morning and tell your science teacher about it.	5pts
Vaccines	Find out what vaccinations you have had in your life. Write a 200 word report discussing why these vaccinations are systematically given to children	5pts
EPC	Find out the EPC rating (energy efficiency) of your house. What could you do to improve it? It could save your family a lot of money!	5pts
Mozzie bites!	Find out why some people get bitten by mosquitoes more than others. Tell your teacher and your classmates what you discover!	5pts
Podcast	Pick a podcast to listen to and tell your teacher about what you learnt from it: https://www.sciencepodcastforkids.com/	5pts
Bad Pharma	Read ' <i>Bad Pharma</i> ' by Ben Goldacre and write a 200 word review - give your own judgement on the pharma industry.	10pts
Cosmos: A Spacetime Odyssey	Watch ' <i>Cosmos: A Spacetime Odyssey</i> ' on Netflix. In this 13-episode documentary, astrophysicist Neil deGrasse Tyson takes viewers on an intergalactic adventure, exploring different themes in each episode. Episodes investigate the Milky Way, molecules, gravity, the greenhouse effect, and more	10pts
Deadly Choices: How the Anti-vaccine movement threatens us all	Read ' <i>Deadly Choices: How the Anti-vaccine movement threatens us all</i> ' by Paul Offit and write a 200 word review. Give your own judgement on why you think the movement is getting bigger.	10pts
Why Can't Elephants Jump?: And 113 Other Tantalising Science Questions	Read ' <i>Why Can't Elephants Jump?: And 113 Other Tantalising Science Questions</i> ' by New Scientist (in the library) and write a 200 word review of your findings	10pts
Fun Science: A Guide to Life, the	Read ' <i>Fun Science: A Guide to Life, the Universe and Why Science Is So Awesome</i> ' by Charlie McDonnell and write a 200 word review of the book	10pts

Universe and Why Science Is So Awesome		
Tring Zoological Museum	Visit Tring Zoological Museum and write a 400 word report on your favourite animal, including their habitat and numbers in the wild, as well as the history of taxidermy.	10pts
New Scientist	Read five articles from New Scientist magazine (available in the library) and write a mini report on your findings (500 words)	15pts
Local farming	Find out what local farmers grow in the fields in your area. What are the crops used for? Write up a mini-report.	15pts
Scientist	Research your favourite scientist - create a presentation including their discovery, the impact their work had and a justification as to why you chose this person.	15pts
Coin battery	Make a coin battery and create a video of it working. https://teachbesideme.com/make-coin-battery/#:~:text=In%20a%20small%20bowl%2C%20mix.%3A%20penny%2C%20paper%2C%20nickel.	20pts