



Year 7 Science



Task	Details	Points
Science club	Attend a science club lunchtime session	5pts
Strava	Use the Strava app and collect data on your journey to school or a walk/a run. Use time and distance to calculate your average speed.	5pts
ISS	Follow the tracker and show the rest of your class where the ISS is during a lesson starter. https://spotthestation.nasa.gov/tracking_map.cfm	5pts
Why Don't Penguins Feet Freeze	Read the article ' <i>Why Don't Penguins Feet Freeze?</i> ' in the New Scientist (available in the library or science office). Write a 100 word summary of your findings	10pts
'Women in Science: 50 Fearless Pioneers who Changed the World'	Read ' <i>Women in Science: 50 Fearless Pioneers who Changed the World</i> ' by Rachel Ignotofsky and write a 100 word summary of your findings	10pts
100 Things to Know about Space	Read ' <i>100 Things to Know about Space</i> ' by Alex Frith, Alice James and Jerome Martin. Write a 100 word summary of your findings	10pts
Darwin's Dragons	Read ' <i>Darwin's Dragons</i> ' by Lindsay Galvin and write a 100 word summary of your findings	10pts
Visit the Zoo	Visit Whipsnade or London Zoo and find out more about the endangered species that they have there. Write a report on one of them - include pictures!	10pts
Extreme Biology: From SuperBugs to Clones	Read ' <i>Extreme Biology: From SuperBugs to Clones</i> ' by Simon Basher and write a 100 word summary of your findings	10pts
Climate change	Write a 300 word report on the issue of climate change and how you might be able to lower your own carbon footprint. Use this website to help you.	15pts

Discovery	Write a report about what you think is the most important scientific discovery of the past 100 years - justify your decision	15pts
Skeleton	Find a diagram of a skeleton and see how many of the 206 bones names you can memorise and point out to your teacher using our school skeleton!	15pts
pH indicator	Create a Vegetable or Fruit pH indicator. Document your experiment! https://sciencenotes.org/edible-ph-indicators-from-your-kitchen-and-garden/	20pts
Farming!	Create your own worm farm or ant farm (can be bought in a lot of garden centres or online). Write a report on your experience, including why insects are so important to the ecosystem.	20pts