



Year 8 Chemistry

	Key content (knowledge)	Key skills	Assessments	Challenge and enrichment
Autumn half term 1	Section 5 Matter	Numeracy, and application of definitions.	Mid point assessment on Polymers	Find out what are the other states of matter that are not taught in school.
Autumn half term 2	Finish section 5 Matter, and start Section 6 Reactions	Identify and explain patterns.	Section 5 Matter test.	Read The periodic table - Primo Levi
Spring half term 1	Finish Section 6 Reactions	Numeracy, and using graphs and models to explain phenomena	Mid point assessment, and end of topic test.	If mass is always conserved, what happens during a nuclear reaction, and why does $E=MC^2$ if the amount of matter is constant?

Spring half term 2	Section 7 Earth	Evaluate data to make an informed decision.	Mid point assessment	Watch Kiss the Ground Film Official Website (kissthegroundmovie.com)
Summer half term 1	Section 7 Earth	How to revise effectively, and how to answer exam questions effectively.	Section 7 Earth: End of topic test	Make an action plan of what you can do to improve the environment.
Summer half term 2	Self evaluation, and target setting.	Identify areas of strength and weakness. Devise an action plan to make improvement.	End of year exams	Take action to make improvements, having been given feedback on your exam. Look towards GCSE chemistry and make links between the new topics and what you've learnt in year 7 & 8.