

High Tunstall College of Science Curriculum Intent

Subject: Chemistry Year: 8

Thread 6 - Earth and Atmosphere



	Chemistry Thread 5	Progress		
Topic	Key ideas	R	A	G
Earth and Atmosphere	I can name different types of rock and give their properties			
	I can describe and explain the rock cycle			
	I can explain how structure of the Earth has changed over time			
	I can explain how carbon is recycled in the carbon cycle			
	I can explain natural changes to the Earth's atmosphere over millions of years			
	I can explain the recent changes to the Earth's atmosphere and consider human contribution to this			

Lesson	Learning Focus	Assessment	Key Words
1	What are the different types of rock?	Rock summary completion	Igneous, Metamorphic, Sedimentary
2	How are rocks recycled?	Extended writing—The rock cycle	Rock cycle, transportation, erosion, deposition, weathering
3	How has the structure of the Earth changed?	Completion of differentiated tasks	Geology, tectonic plates
4	How is carbon recycled?	Completion of carbon cycle story board	Carbon dioxide, photosynthesis, respiration, combustion, decomposition
5	How has the atmosphere changed over time?	Sequencing the changes in the atmosphere	Composition, change, volcanic
6	How is the atmosphere currently changing?	Completion of summary task and identification of trends	Trend, combustion, global warming, deforestation