

High Tunstall College of Science Curriculum Intent

Subject: Chemistry Year: 9

Thread 6 - Earth and Atmosphere



	Chemistry Thread 6	Progress		
Topic	Key ideas	R	A	G
Earth and Atmosphere	I can explain how the atmosphere has changed			
	I can explain how levels of carbon dioxide have changed over time			
	I can evaluate the importance of sustainable development			
	I can carry out a life cycle assessment to reach a conclusion about the use of the Earth's resources			

Lesson	Learning Focus	Assessment	Key Words
1	How has the atmosphere evolved?	Completion of differentiated tasks	Evolution , atmosphere
2	Why has the level of carbon dioxide changed?	Completion of exam style tasks	Carbon dioxide, photosynthesis
3	What is sustainable development?	Extended writing about sustainable development	Sustainable development , resources, finite
4	How are life cycle assessments used?	Comparison of plastic and paper bags by carrying out an LCA	Life cycle assessment, production, disposal