

High Tunstall College of Science Curriculum Intent

Subject: Chemistry Year: 7

Thread 4—The rate and extend of chemical change



	Chemistry Thread 4	Progress		
Topic	Key ideas	R	A	G
The rate and extent of chemical change	I can define the term 'rate of reaction'			
	I can carry out a series of experiments to look at factors that affect the rate of a chemical reaction			
	I can draw appropriate graphs to display experimental data, choosing bar or line graph and my own scales			
	I can describe, using data, how the rate of a chemical reaction changes over time			

Lesson	Learning Focus	Assessment	Key Words
1	How fast are chemical reactions?	Data analysis from practical work	Rate
2	How does surface area affect the rate of a chemical reaction?	Graph completion and analysis	Bar chart, discrete
3	How does temperature affect the rate of a chemical reaction?	Graph completion and analysis	Line graph, continuous
4	How does concentration affect the rate of a chemical reaction?	Graph completion and analysis	
5	How does the rate of a chemical reaction change as it progresses?	Completion of practical work and explanation of results	