

List 3 ways of monitoring rates of a reaction

Sketch a graph to show how the amount of product made in a reaction changes over time

## C5 Monitoring and Controlling Chemical Reactions

### Links



1.1 The Particle Model  
3.1 Introduction to Chemical Reactions



5.2 Equilibria  
6.1 Improving Processes and Products

Label on your sketch where the reaction has stopped happening



How could you use this graph to calculate the rate of reaction?



What is activation energy?

Describe how the rate of a reaction changes when smaller lumps of a solid reactant are used

Use collision theory to explain why this happens

Explain what collision theory is

Describe how the rate of a reaction changes when a catalyst is added

Use collision theory to explain why this happens

Describe how the rate of a reaction changes when the temperature is increased

Use collision theory to explain why this happens

Describe how the rate of a reaction changes when concentration or pressure is increased

Use collision theory to explain why this happens

Keywords