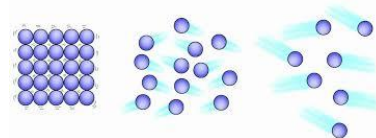


Unit Overview Collision Theory

You will learn about:

- Rate of reaction and the factors that affect them.
- Collision theory



Key learning points	
Factors which affect rate of reaction	
RP Changes in concentration	
Collision theory	

Links to other subjects:

SMSC
The influence of ancient Greece on the scientific method.

Numeracy
Rearranging equation. Substituting numerical values into equations using appropriate units. Interpretation of graphs.

Literacy
Describe observations in practical work, explain the effect of different factors on rate of reaction, describe collision theory, explain changes in the rate of reaction using collision theory

Key Words

Collision frequency
Concentration
Rate of reaction
Temperature
Catalysts
Surface area
Reactant
Products
Activation energy