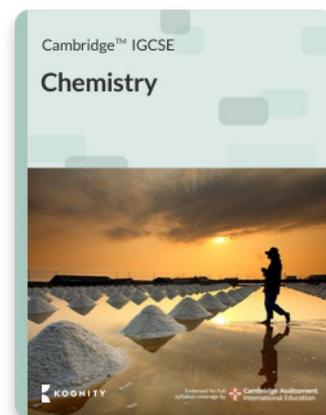


IGCSE Chemistry

Our IGCSE Chemistry subject supports the full Cambridge IGCSE™ Chemistry (0620) syllabus for the first examination from 2016.



Key Features

With Kognity Chemistry, you have everything you need in one place. The Core and Extended syllabus content are both comprehensively covered, and are supplemented by a deep question bank for issuing questions to students of all levels to prepare them for exams and to consolidate learning.

Cambridge IGCSE™ Chemistry - All				
470 questions				Add question
<input type="checkbox"/>	Sent	Question	Topic	Type
<input type="checkbox"/>	➤	Extended Which of the following is the name of the catalyst used in the contact process?	2 areas	☰
<input type="checkbox"/>	➤	Extended Which of the following describes the role of sulfuric acid in the preparation of dry gases?	2 areas	☰
<input type="checkbox"/>	➤	Extended State the name of the compound with this structural formula.	2 areas	☰

Practical

Aim

To investigate the effect of particle size on the rate of reaction between marble chips and hydrochloric acid.

Safety

A full risk assessment must be carried out before starting this practical activity (see section 0.0.0 for more information).

Summary of method

Repeat the experiment in section 7.2.1 where the rate of reaction was followed by mass loss using small marble chips.

Plot the data on the original graph.

Results

The graph will look similar to **Figure 2**.

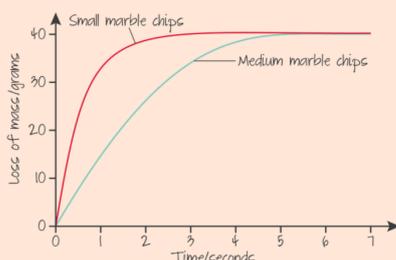


Figure 2. Graph showing that as the particle size decreases (and therefore surface area increases) the rate of reaction increases.

The inclusion study skill boxes promote reflection and self-management, while practical boxes help develop key skills for examinations.

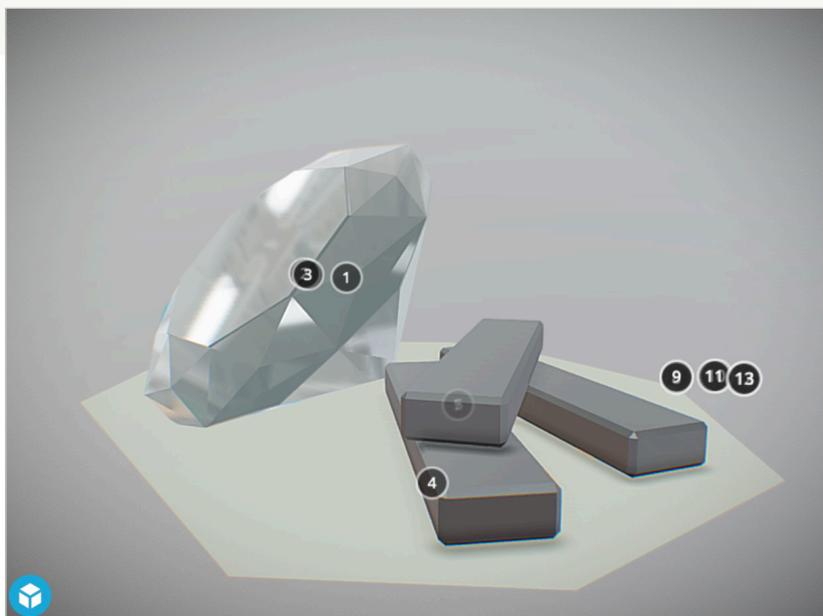
Study skills

Use this to help you remember what exothermic and endothermic mean:

Exo means out. Think of the word 'exit'.

Endo means in.

Diagrams, illustrations, photos and videos add a visual perspective to key concepts of the syllabus. Kognity Chemistry also contains 3D models that are embedded directly into the text so that students can access them while they read. These clickable, interactive resources make learning fun and engaging.



Kognity's Chemistry is written in clear language for international learners. Furthermore, it comes complete with a glossary, which allows students to explore key terms via a designated section of the book.

anti-microbial

Inhibits or kills microbes such as fungi and bacteria.

abundant

There is lots of it.

acid

Proton or hydrogen ion donor.

acidic oxides

Non-metallic oxides.

