



Double Award Chemistry

Pearson Edexcel IGCSE (Course Code: 4SD0)

Description

The IGCSE Double Award Chemistry programme provides students with opportunities to learn about the unifying patterns and themes in chemistry and use them in new and changing situations. During the course, students will apply the principles and concepts of chemistry, including those related to the applications of chemistry, to different contexts allowing them to evaluate chemical information and make judgements based on this information. Students will learn to appreciate the practical nature of chemistry, developing experimental and investigative skills based on correct and safe laboratory techniques. This will allow them to recognize the importance of accurate experimental work and reporting scientific methods in chemistry.

The programme acts as an excellent springboard for further study in chemistry and all areas of science. However, it also enables students to develop a range of transferable skills. These include the development of a logical approach to problem-solving and the enhancement of analysis, interpretation and evaluative skills. Along with this, students will learn how to successfully manipulate specialised apparatus through various practical methodologies.

Assessment Breakdown

Component 1	Written Examination	<p>This paper is assessed through a 2-hour written examination paper set and marked by Pearson.</p> <p>The assessment focuses on core content, and the total number of marks is 110.</p> <p>It consists of a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions that may come from any topic area across the syllabus.</p>	33.3% of the final Double Award Science Grade
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Course Outline



Cert No.: EDU-2-2068
Validity: 24/10/2019 - 25/10/2023

Dulwich College (Singapore) Pte. Ltd.
71 Bukit Batok West Avenue 8, Singapore 658966
T (65) 6890 1000
CPE Registration Number: 201027137D
Period of Registration: 09 January 2020 to 08 January 2024



Year	Michaelmas Term	Lent Term	Trinity Term
9	States of matter and Separation techniques Atomic Structure & RFM Bonding	Chemical Reactions, Formula & Equations Periodic Table	Gases in the Atmosphere
10	Rates of Reaction Tests for ions	Quantitative 1 Energetics Structure	Reactivity & Extraction of Metals
11	Organic 1 Acids, Alkalis & Salts	Equilibria	Revision and final exam preparation

Additional Information

Students will be expected to undertake several core practical's throughout the IGCSE Double Award Chemistry programme. Although these are not formally assessed, a knowledge and understanding of how to conduct and interpret these practical investigations will be required for the final examinations.