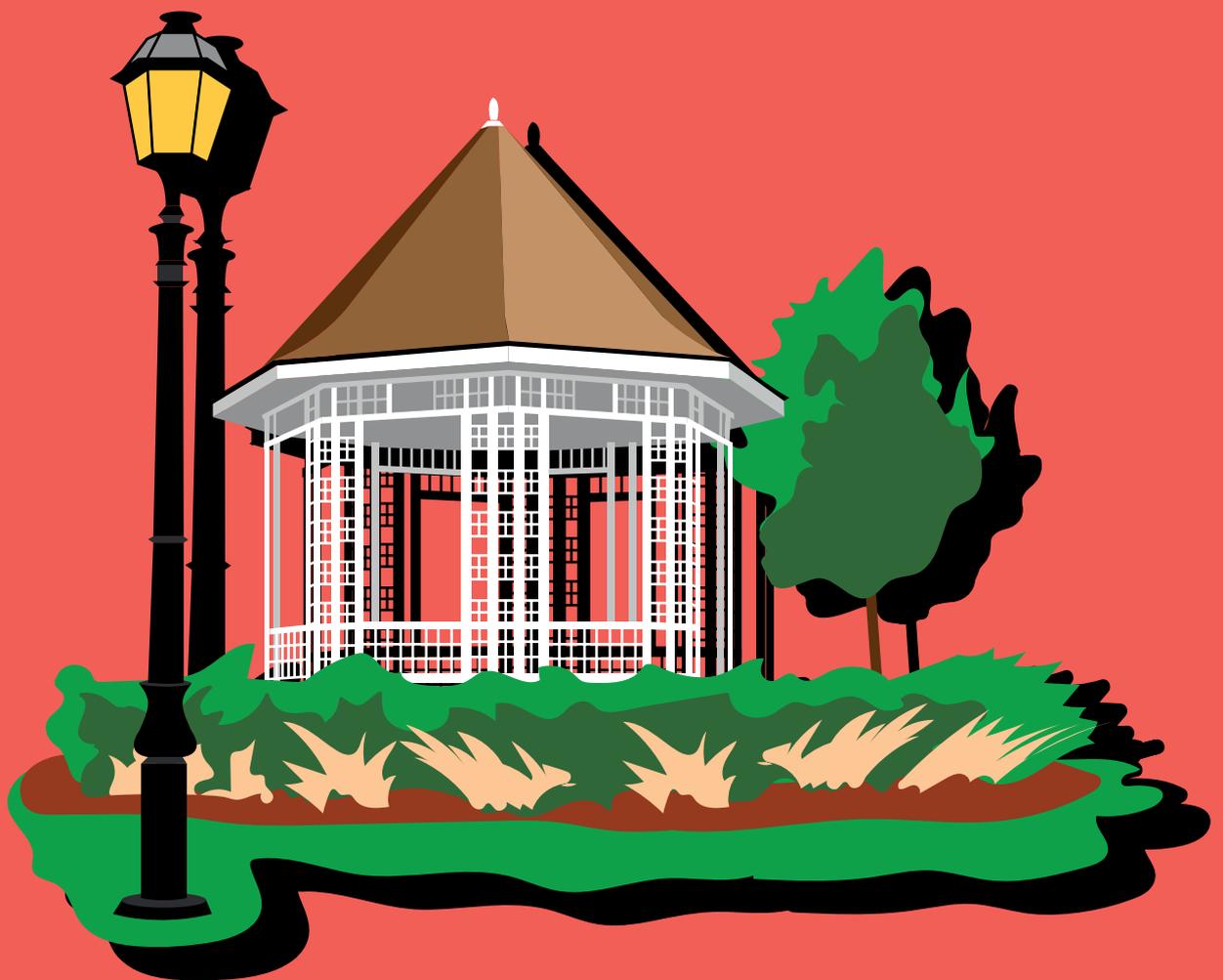


# *Secondary Science*

## 2018



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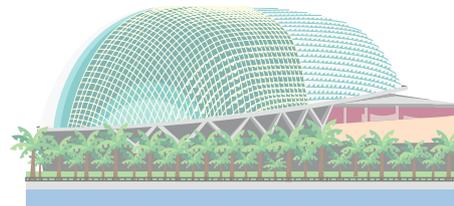
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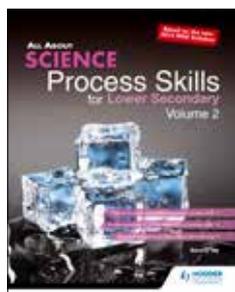
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# Lower Secondary Science



**Volume 1**  
978-981-06-3491-9



**Volume 2**  
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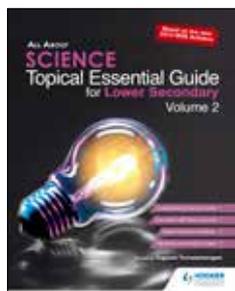
## All About Science: Process Skills

Enhance students' understanding of the process involved in learning Science with ample practice.

- Reinforce understanding with clear and concise explanations of science process skills.
- Aid the application of process skills with stimulating MCQs, structured questions and free-response questions.
- Facilitate independent learning with detailed answers.



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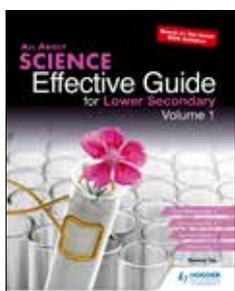


**Volume 2**  
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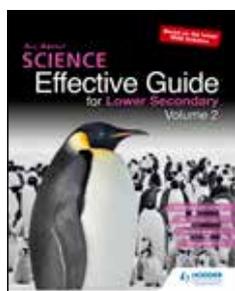
## All About Science: Topical Essential Guide

Help students to master the subject and revise more effectively in order to achieve excellent results using this guidebook based on the latest Syllabus issued by the Ministry of Education, Singapore.

- Facilitate the application of concepts in scientific investigation with detailed experiments.
- Guide students with comprehensive notes and detailed illustrations.
- Reinforce learning with consistent self-check exercises.
- Assess mastery of concepts with extensive MCQs and structured questions.



**Volume 1**  
978-981-06-3493-3



**Volume 2**  
978-981-06-3494-0

## All About Science: Effective Guide

Enhance students' understanding of the processes involved in learning science with clear and concise explanations and practice questions written according to the latest Lower Secondary Science Syllabus issued by the Ministry of Education, Singapore.

- Facilitate independent learning with clear and concise explanations of science process skills.
- Aid the application of process skills with stimulating MCQs, structured questions and free-response questions.
- Enable students to take charge of their own progress with detailed answers provided.

# Lower Secondary Science



**Volume A**  
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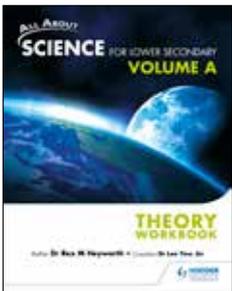


**Volume B**  
978-981-06-3137-6

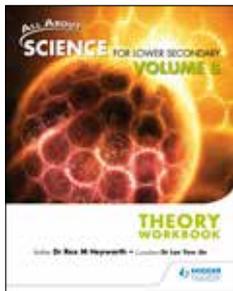
## All About Science for Lower Secondary Textbooks

Provide students with a solid foundation in science and help them develop scientific literacy with content based on the latest Syllabus for Lower Secondary Science issued by the Ministry of Education, Singapore.

- Facilitate the inquiry approach to learning in real life contexts, cultivate skills, and develop ethics, values and attitudes that are essential in the learning of science.
- Offer opportunities for students to develop competencies essential to thrive in the 21<sup>st</sup> century.



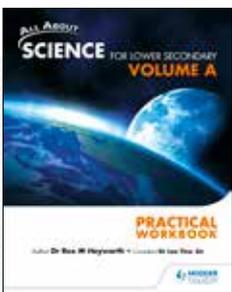
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**Volume B**  
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## All About Science for Lower Secondary Theory Workbooks

Equip students with a solid foundation in science by providing exercises to complement the textbook, helping students develop scientific literacy, and apply and assess their understanding of concepts.



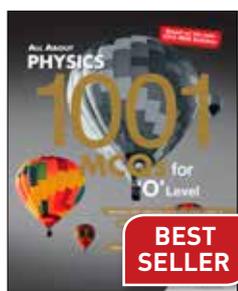
**Volume A**  
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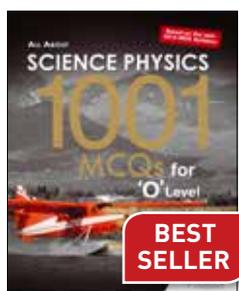
**Volume B**  
978-981-06-3141-3

## All About Science for Lower Secondary Practical Workbooks

Facilitate students' learning in real life contexts and help them construct knowledge themselves with practical activities, providing opportunities for students to develop key inquiry skills and acquire competencies essential for success in the 21<sup>st</sup> Century.



**'O' Level**  
978-981-06-3478-0

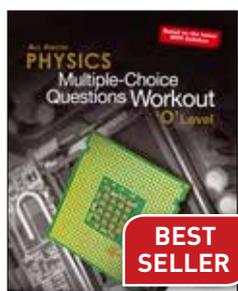


**'O' Level**  
978-981-06-3479-7

## All About Physics: 1001 MCQs All About Science Physics: 1001 MCQs

Prepare students for the multiple choice section of their GCE 'O' Level examinations with ample practice questions based on the new syllabus, and categorised into three levels of difficulty.

- Practice and reinforce knowledge with 1001 challenging questions, arranged in ascending levels of difficulty and split into three levels:
  - Level 1: Recall questions or questions which require a single concept to solve.
  - Level 2: Application questions or questions which require two or three concepts to solve.
  - Level 3: Application questions or questions which require three or more concepts to solve.
- Expand and test students' understanding of concepts with extension questions.
- Facilitate understanding and learning with detailed solutions and explanations.
- Challenge students with cross-topical extension questions at the end of each unit.

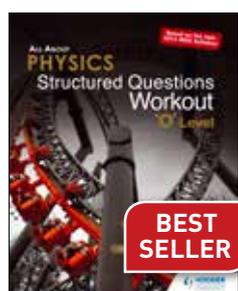


**'O' Level**  
978-981-06-3690-6

## All About Physics: Multiple-Choice Questions Workout

Consolidate knowledge and provide targeted practice for students with a wide variety of topical practice questions based on the latest Physics Syllabus issued by the Ministry of Education, Singapore.

- Thoroughly test understanding and application of concepts with varied questions.
- Facilitate independent learning with detailed answers.
- Ensure coverage of the syllabus with questions grouped according to the latest 'O' Level Physics syllabus.



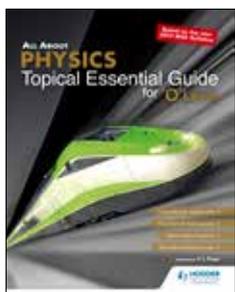
**'O' Level**  
978-981-06-3689-0

## All About Physics: Structured Questions Workout

Consolidate knowledge and provide targeted practice for students with a wide variety of topical practice questions based on the latest Physics Syllabus issued by the Ministry of Education, Singapore.

- Thoroughly test understanding and application of concepts with varied questions.
- Facilitate independent learning with detailed answers.
- Ensure coverage of the syllabus with questions grouped according to the latest 'O' Level Physics syllabus.

# Physics

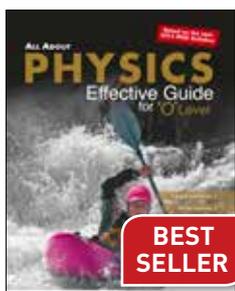


**'O' Level**  
978-981-06-2624-2

## All About Physics: Topical Essential Guide

Help students master Physics and revise more effectively in order to achieve excellent results with notes, experiments and exercises based on the latest syllabus issued by the Ministry of Education Singapore.

- Ensure complete coverage of the syllabus with comprehensive notes and detailed illustrations.
- Facilitate application of concepts in scientific investigations with detailed experiments.
- Reinforce learning with self-check exercises.
- Ensure correct understanding with misconception analysis.
- Assess mastery of concepts with extensive MCQs and structured questions.

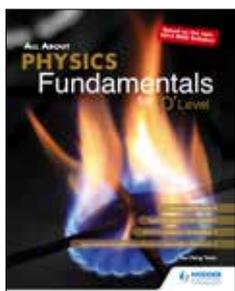


**'O' Level**  
978-981-06-3476-6

## All About Physics: Effective Guide

Facilitate learning and help students to revise effectively with worked examples and step-by-step solutions to practice application of concepts and rigorous revision exercises to expose students to various types of questions, based on the 2013 Physics and Science Physics Syllabuses issued by the Ministry of Education, Singapore.

- Assess progress with self-evaluation questions.
- Consolidate learning with extensive and stimulating MCQs and structured questions.
- Ensure full coverage of the syllabus through systematic and comprehensive notes with helpful illustrations.
- Ensure clear coverage through qualitative and quantitative examples with step-by-step solutions.

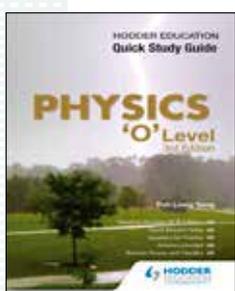


**'O' Level**  
978-981-06-3626-5

## All About Physics: Fundamentals

Ingrain the concepts and principles essential to students for achieving success in their examination, addressing core concepts covered in the latest Science Physics 'O' Level syllabus and based on the 2013 Science Physics Syllabus issued by the Ministry of Education, Singapore.

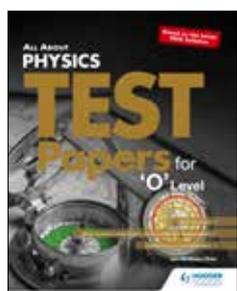
- Prepare for the exam with core concepts covered.
- Test knowledge and skills learned with Application Questions for Practice.
- Aid conceptual understanding with MCQs.



**'O' Level**  
978-981-46-7686-1

## Hodder Education Quick Study Guide Physics 'O' Level (3<sup>rd</sup> Edition)

Assist students in their revision for tests and examinations, with notes and questions based on the latest syllabus issued by the Ministry of Education Singapore.



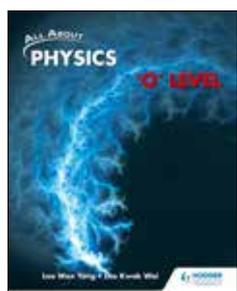
## All About Physics: Test Papers

Facilitate self study in a systematic and focussed manner with a topical approach, helping students to revise more effectively for tests and examinations and feel more confident answering questions based on the latest Physics and Science Physics GCE 'O' Level syllabus.

- Prepare for exams with confidence using a wide variety of exam-orientated multiple choice, structured and data-based questions.
- Facilitate independent learning and correct misconceptions with detailed answers.

'O' Level

978-981-06-3632-6

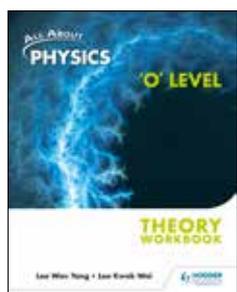


## All About Physics 'O' Level Textbook

Help students to establish a solid foundation for scientific literacy, and develop the relevant skills of inquiry needed to understand and apply physics concepts and principles in everyday life, while instilling a sense of appreciation for science and scientific enquiry in them to help them explore their natural and physical world.

'O' Level

978-981-06-3130-7

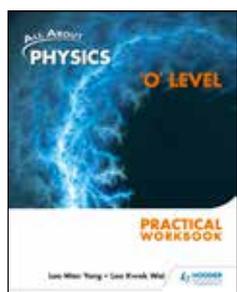


## All About Physics 'O' Level Theory Workbook

Reinforce concepts and principles learned in the textbook with challenging questions that require students to analyse data as well as review exercises for further practice; written for Singapore students taking the GCE 'O' Level Physics examination based on the latest syllabus issued by the Ministry of Education.

'O' Level

978-981-06-3131-4



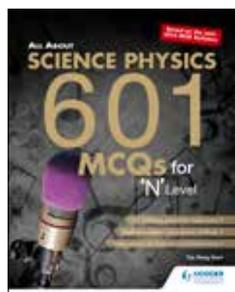
## All About Physics 'O' Level Practical Workbook

Develop key science process skills necessary for scientific exploration and investigation, and introduce practical skills progressively and systematically in a variety of context with a practical workbook to supplement the textbook.

'O' Level

978-981-06-3132-1

# Combined Science Physics

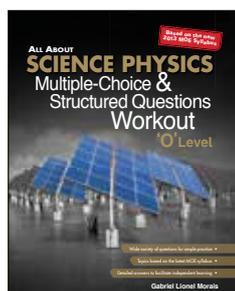


## All About Science Physics: 601 MCQs

Enable students to prepare fully for the multiple choice section of their GCE 'N' Level Science Physics examination with ample MCQs structured according to themes based on the latest Science Physics Syllabus issued by the Ministry of Education, Singapore.

'N' Level

978-981-06-3480-3

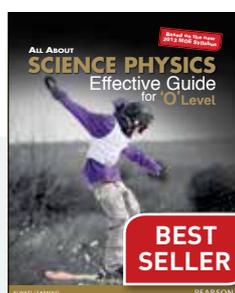


## All About Science Physics: Multiple-Choice & Structured Questions Workout

Consolidate knowledge and provide targeted practice for students with a wide variety of topical practice questions based on the latest Physics Syllabus issued by the Ministry of Education, Singapore.

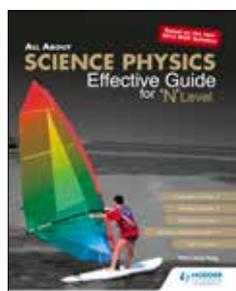
'O' Level

978-981-06-3753-8



'O' Level

978-981-06-3477-3



'N' Level

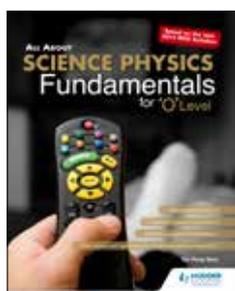
978-981-06-3504-6

## All About Science Physics: Effective Guide

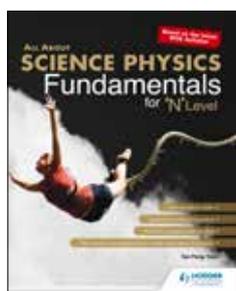
Facilitate learning and help students to revise effectively with worked examples and step-by-step solutions to practice application of concepts and rigorous revision exercises to expose students to various types of questions, based on the 2013 Physics and Science Physics Syllabuses issued by the Ministry of Education, Singapore.

- Assess progress with self-evaluation questions.
- Consolidate learning with extensive and stimulating MCQs and structured questions.
- Ensure full coverage of the syllabus through systematic and comprehensive notes with helpful illustrations.
- Ensure clear coverage through qualitative and quantitative examples with step-by-step solutions.

# Combined Science Physics



**'O' Level**  
978-981-06-3627-2

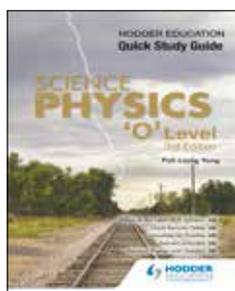


**'N' Level**  
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## All About Science Physics: Fundamentals

Ingrain the concepts and principles essential to students for achieving success in their examination, addressing core concepts covered in the 2013 Science Physics Syllabus issued by the Ministry of Education, Singapore.

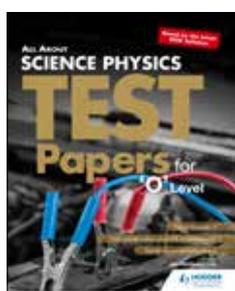
- Prepare for the exam with core concepts covered.
- Test knowledge and skills learned with Application Questions for Practice.
- Aid conceptual understanding with MCQs.



**'O' Level**  
978-981-46-7687-8

## Hodder Education Quick Study Guide Science Physics 'O' Level (3<sup>rd</sup> Edition)

Assist students in their revision for tests and examinations, with notes and questions based on the latest syllabus issued by the Singapore Ministry of Education.



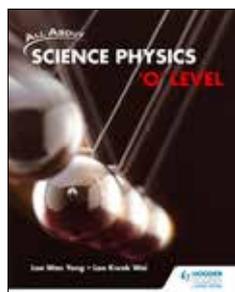
**'O' Level**  
978-981-06-3633-3

## All About Science Physics: Test Papers

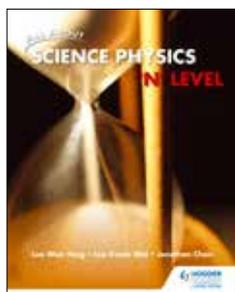
Facilitate self study in a systematic and focussed manner with a topical approach, helping students to revise more effectively for tests and examinations and feel more confident answering questions based on the latest Science Physics GCE 'O' Level Syllabus.

- Prepare fully for exams with a wide variety of exam-orientated multiple choice, structured and data-based questions.
- Facilitate independent learning and correct misconceptions with detailed answers.

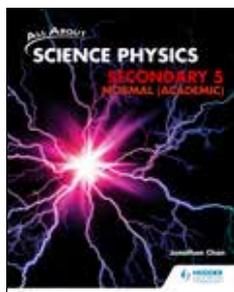
# Combined Science Physics



**'O' Level**  
978-981-06-3133-8



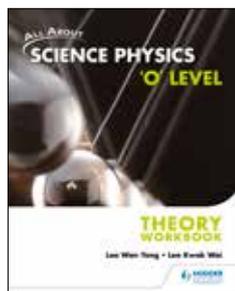
**'N' Level**  
978-981-06-3127-7



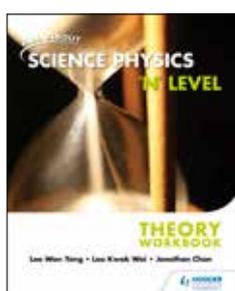
**Normal (Academic)**  
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## All About Science Physics Textbooks

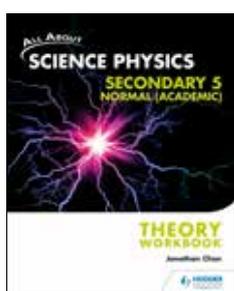
Help students to establish a solid foundation for scientific literacy, and develop the relevant skills of inquiry needed to understand and apply physics concepts and principles in everyday life, while instilling a sense of appreciation for science and scientific enquiry in them to help them explore their natural and physical world.



**'O' Level**  
978-981-06-3134-5



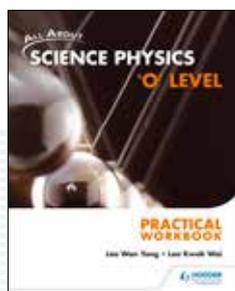
**'N' Level**  
978-981-06-3128-4



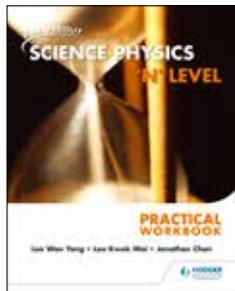
**Normal (Academic)**  
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## All About Science Physics Theory Workbooks

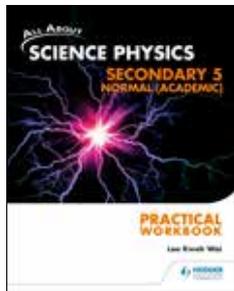
Reinforce concepts and principles learned in the textbook, with challenging questions requiring students to analyse data as well as review exercises for further practice, based on the latest Syllabuses issued by the Singapore Ministry of Education.



**'O' Level**  
978-981-06-3135-2



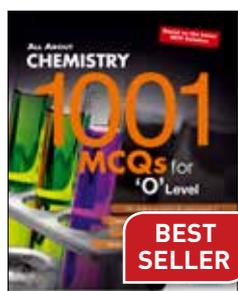
**'N' Level**  
978-981-06-3129-1



**Normal (Academic)**  
978-981-06-3144-4

## All About Science Physics Practical Workbooks

Encourage development of key science process skills necessary for science exploration and investigation, introducing practical skills progressively and systematically in a variety of contexts, with a workbook to supplement the textbook.



## All About Chemistry: 1001 MCQs

Test and reinforce learning with questions categorised into three levels of difficulty, with cross-topical extension questions at the end of each unit to further challenge students, based on the latest syllabus issued by the Ministry of Education, Singapore.

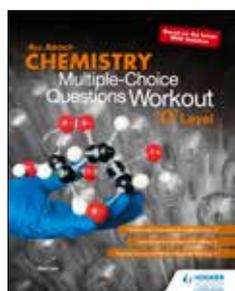
Level 1: Recall questions, or questions which require a single concept to solve.

Level 2: Application questions or questions which require two or three concepts to solve.

Level 3: Application questions or questions which require three or more concepts to solve.

'O' Level

978-981-06-2631-0

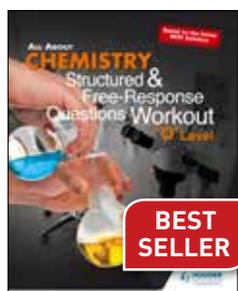


## All About Chemistry: Multiple-Choice Questions Workout

Consolidate knowledge and provide the targeted practice needed for students to excel in their GCE 'O' Level Chemistry examination with topical questions based on the latest Chemistry Syllabus issued by the Ministry of Education, Singapore.

'O' Level

978-981-06-3654-8



## All About Chemistry: Structured & Free-Response Questions Workout

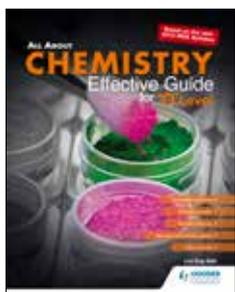
Provide practice and consolidate knowledge to help students excel in the GCE 'O' Level Chemistry examination with topical questions based on the latest Syllabus issued by the Ministry of Education, Singapore.

- Test students' understanding and application of Chemistry concepts with varied questions.
- Facilitate independent learning with detailed answers.

'O' Level

978-981-06-3593-0

# Chemistry

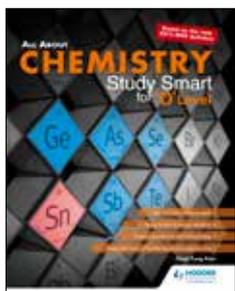


**'O' Level**  
978-981-06-3495-7

## All About Chemistry: Effective Guide

Facilitate students' learning and help them revise effectively with worked examples and step-by-step solutions, to aid them in applying the concepts learned, and rigorous revision exercises to expose students to various types of questions.

- Systematic and comprehensive notes with helpful illustrations.
- Qualitative and quantitative examples with step-by-step solutions.
- Reinforce learning with self-evaluation questions, and extensive and stimulating MCQs and structured questions.
- Practice skills learned and test knowledge with specimen examination papers.
- Check on progress with clear numerical answers and detailed answers for more difficult questions.



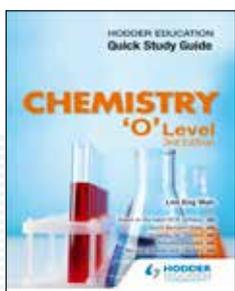
**'O' Level**  
978-981-06-3088-1

## All About Chemistry: Study Smart

Bolster memory work and understanding with hints and tips based on tried-and-tested methods for studying, with a student-friendly and insightful guide that brings across key ideas from the topics covered in the GCE 'O' Level Chemistry examination.

- Prepare for the exam with guidance and techniques on how to answer examination questions effectively.
- Facilitate recall and understanding with an association map at the end of each chapter, to integrate the key concepts learned.

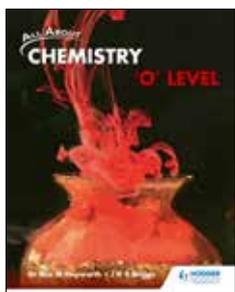
This guide is complemented by the practice companion All About Chemistry: 1001 MCQs for 'O' Level.



**'O' Level**  
978-981-46-7684-7

## Hodder Education Quick Study Guide Chemistry 'O' Level (3<sup>rd</sup> Edition)

Assist students in their revision for tests and examinations, with notes and questions based on the latest syllabus issued by the Ministry of Education, Singapore

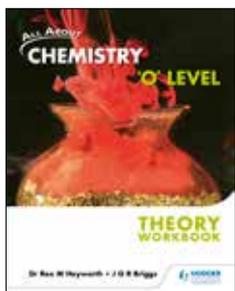


**'O' Level**

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## All About Chemistry 'O' Level Textbook

Help students establish a solid foundation for scientific literacy, and develop the relevant skills of inquiry needed to understand and apply chemistry concepts and principles in everyday life, while instilling a sense of appreciation for science and scientific inquiry as important tools to help them explore their natural and physical world.

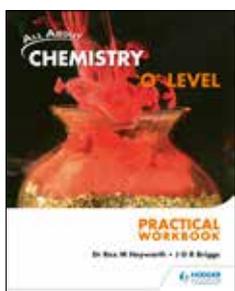


**'O' Level**

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## All About Chemistry 'O' Level Theory Workbook

Reinforce concepts and principles learned in the textbook with challenging questions that require students to analyse data as well as review exercises for further practice, written for the GCE 'O' Level Chemistry examination based on the latest syllabus issued by the Singapore Ministry of Education.



**'O' Level**

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## All About Chemistry 'O' Level Practical Workbook

Introduce practical skills progressively and systematically in a variety of contexts in a practical workbook to complement the All About Chemistry 'O' Level textbook.

# Combined Science Chemistry



**'O' Level**  
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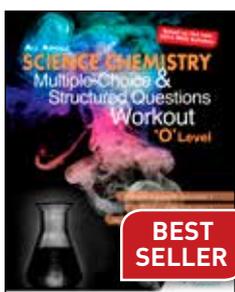
## All About Science Chemistry: 801 MCQs

Stretch students and offer practice to prepare them for the multiple-choice section of their GCE 'O' Level Science Chemistry examination with questions categorised into three levels of difficulty, and cross-topical extension questions included at the end of each unit to offer further challenge.

Level 1: Recall questions or questions which require a single concept to solve.

Level 2: Application questions or questions which require two or three concepts to solve.

Level 3: Application questions or questions which require three or more concepts to solve.

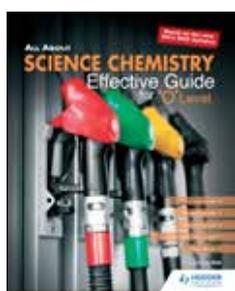


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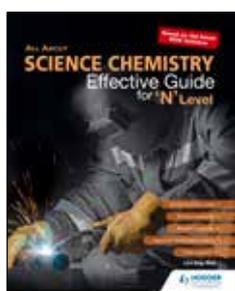
## All About Science Chemistry: Multiple-Choice & Structured Questions Workout

Provide practice and consolidate knowledge to help students excel in the GCE 'O' Level Chemistry examination with topical questions based on the latest syllabus issued by the Ministry of Education, Singapore.

- Test students' understanding and application of Chemistry concepts with varied questions.
- Facilitate independent learning with detailed answers.



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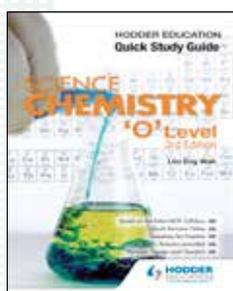


**'N' Level**  
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## All About Science Chemistry: Effective Guide

Facilitate students' learning and help them revise effectively with worked examples and step-by-step solutions, to aid them in applying the concepts learned, and rigorous revision exercises to expose students to various types of questions.

- Systematic and comprehensive notes with helpful illustrations.
- Qualitative and quantitative examples with step-by-step solutions.
- Reinforce learning with self evaluation questions, and extensive and stimulating MCQs and structured questions.
- Practice skills learned and test knowledge with specimen examination papers.
- Check on progress with clear numerical answers with detailed answers for more difficult questions.

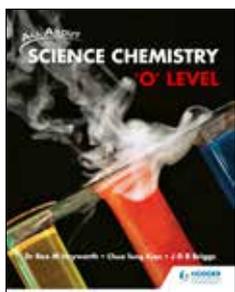


**'O' Level**  
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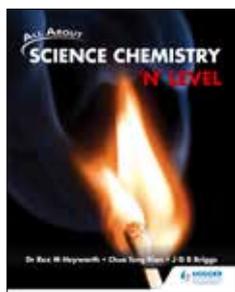
## Hodder Education Quick Study Guide Science Chemistry 'O' Level (3rd Edition)

Assist students in their revision for tests and examinations, with notes and questions based on the latest syllabus issued by the Ministry of Education, Singapore.

# Combined Science Chemistry



**'O' Level**  
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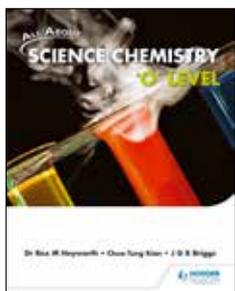
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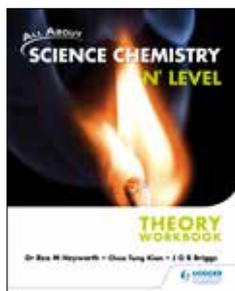
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## All About Science Chemistry Textbooks

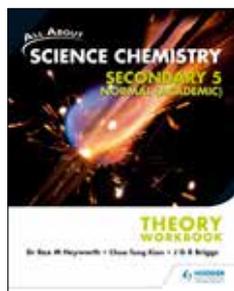
Help students establish a solid foundation for scientific literacy, and develop the relevant skills of inquiry needed to understand and apply chemistry concepts and principles in everyday life, while instilling a sense of appreciation for science and scientific inquiry as important tools to help them explore their natural and physical world.



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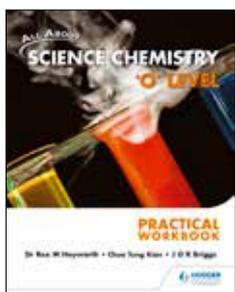
**'N' Level**  
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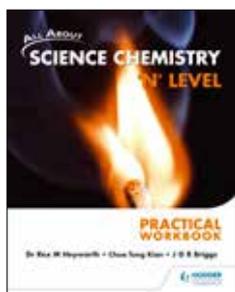
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## All About Science Chemistry Theory Workbooks

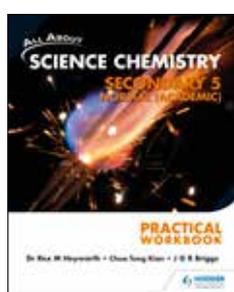
Reinforce concepts and principles learned in the textbook with challenging questions that require students to analyse data as well as review exercises for further practice, based on the latest syllabus issued by the Singapore Ministry of Education.



**'O' Level**  
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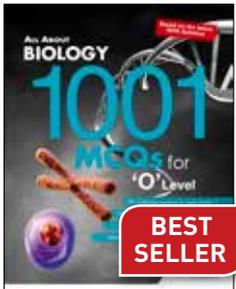


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## All About Science Chemistry Practical Workbooks

Introduce practical skills progressively and systematically in a variety of contexts in a practical workbook to complement the All About Science Chemistry textbooks.

# Biology



**'O' Level**  
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## All About Biology: 1001 MCQs

Test and reinforce learning with questions categorised into three levels of difficulty, including extension questions at the end of each unit to further challenge students, based on the latest Syllabus issued by the Ministry of Education, Singapore.

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Level 2: Application questions or questions which require two or three concepts to solve.

Level 3: Application questions or questions which require three or more concepts to solve.

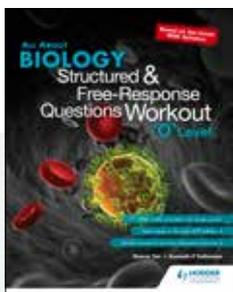


**'O' Level**  
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## All About Biology: Multiple-Choice Questions Workout

Consolidate knowledge, and provide targeted practice for the GCE 'O' Level Biology examination with topical questions based on the latest Biology Syllabus issued by the Ministry of Education, Singapore.

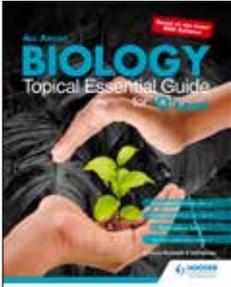
- Questions are grouped according to the latest 'O' Level Biology syllabus.
- Test students' understanding and application of Biological concepts with varied questions throughout.
- Facilitate independent learning with detailed answers.



**'O' Level**  
978-981-06-3737-8

## All About Biology: Structured & Free Response Questions Workout

Consolidate knowledge, and provide targeted practice for the GCE 'O' Level Biology examination with topical questions based on the latest Biology Syllabus issued by the Ministry of Education, Singapore.

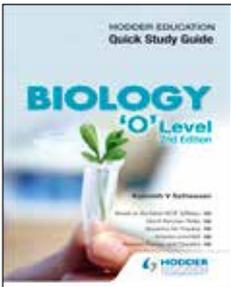


**'O' Level**  
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## All About Biology: Topical Essential Guide

Help students master Biology and revise more effectively in order to achieve excellent results, with this guidebook based on the latest syllabus issued by the Ministry of Education, Singapore.

- Clarify key concepts with comprehensive notes and detailed illustrations.
- Facilitate application of concepts in scientific investigations with detailed experiments.
- Reinforce learning with self-check exercises.
- Ensure correct understanding with misconception analysis.
- Assess mastery of concepts with extensive MCQs and structured essay questions.



**'O' Level**  
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## Hodder Education Quick Study Guide Biology 'O' Level (2<sup>nd</sup> Edition)

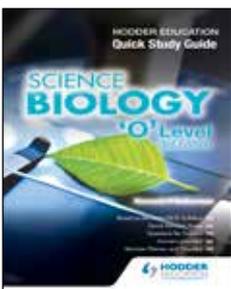
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**'O' Level**  
978-981-06-3669-2

## All About Biology: Test Papers

Facilitate self study in a systematic and focussed manner, helping students to revise more effectively and become more competent, with test papers based on the latest Biology GCE 'O' Level Syllabus.

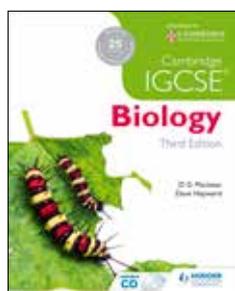


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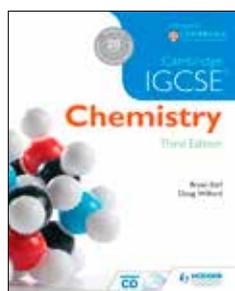
## Hodder Education Quick Study Guide Science Biology 'O' Level (3<sup>rd</sup> Edition)

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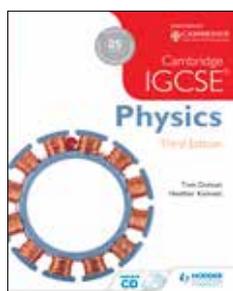
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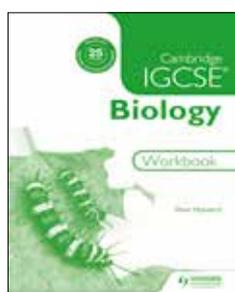


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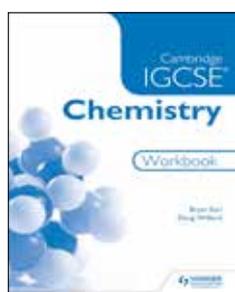
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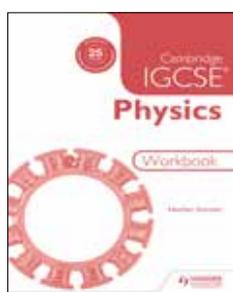
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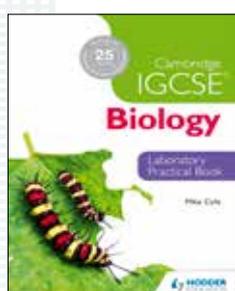
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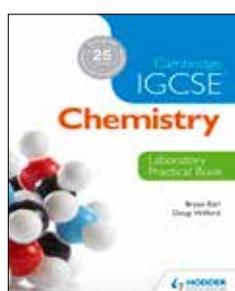
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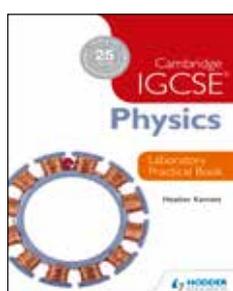
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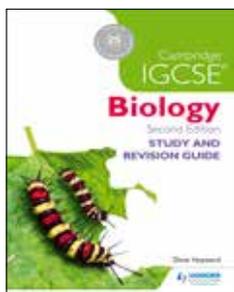
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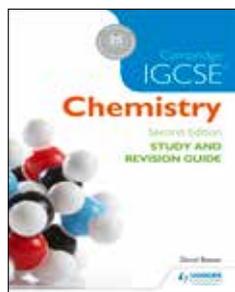
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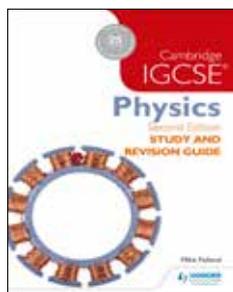
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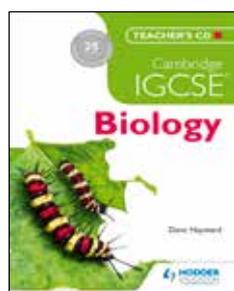


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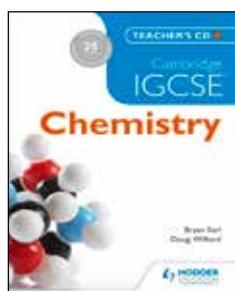
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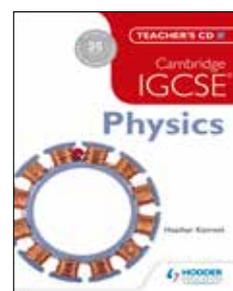
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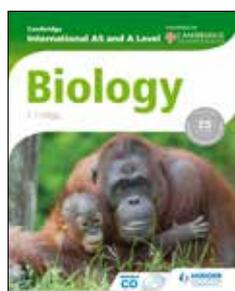
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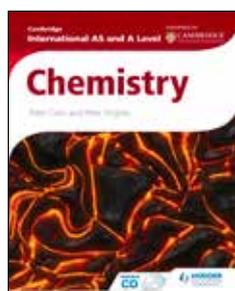
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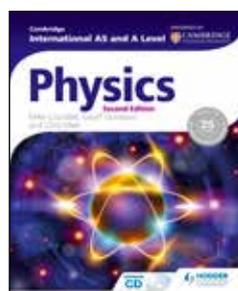
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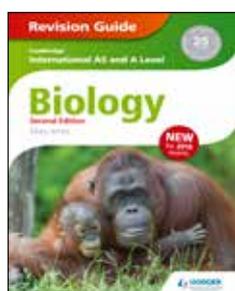
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## Cambridge International AS and A Level Sciences Student Books

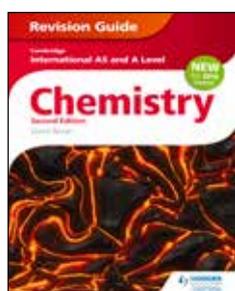
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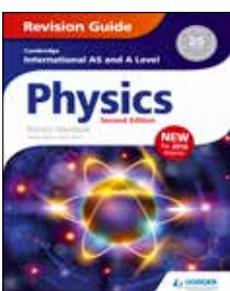
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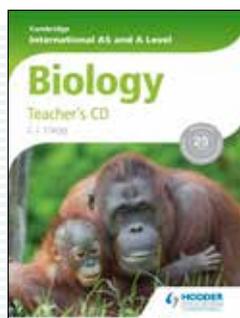


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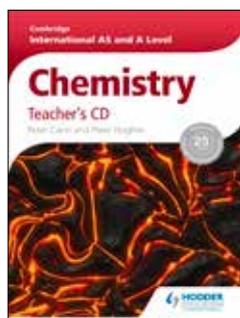
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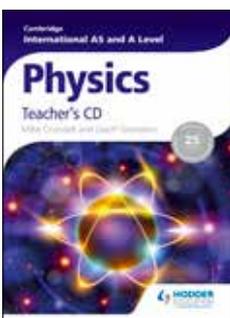
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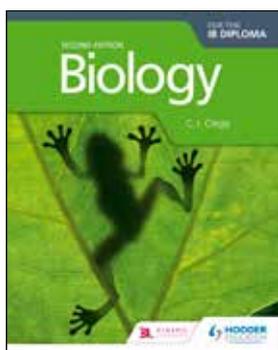
## International Baccalaureate IB Diploma Sciences Student's Books

These second editions of the highly regarded textbooks contain all the SL and HL content, which is clearly identified throughout. The options are available free online or as part of the Teaching and Learning Resources.

- Improve exam performance, with plenty of questions, including past paper exam questions
- Integrate Theory of Knowledge into your lessons and provide opportunities for cross-curriculum study
- Offers a concept-based approach to learning and includes all key skills and experiments

The authors have vast experience writing for and teaching international students, so these texts use clear, straightforward language to explain the most complex topics.

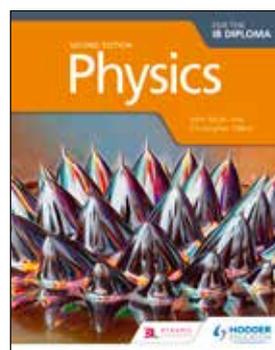
Nature of Science, a key part of the latest guide, is highlighted throughout, with commentary and discussion.



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