

Cambridge University Press

978-0-521-16882-3 - Integrated Science for CSEC[®], Third Edition

June Mitchelmore, John Phillips and John Steward

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Integrated Science for CSEC[®]

Third edition

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CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore,
São Paulo, Delhi, Dubai, Tokyo

Cambridge University Press
The Edinburgh Building, Cambridge CB2 8RU, UK

www.cambridge.org

Information on this title: www.cambridge.org/9780521168823

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First published 1986

Second edition 2002

Third edition 2010

Printed in the United Kingdom at the University Press, Cambridge

A catalogue record for this publication is available from the British Library

ISBN 978-0-521-16882-3 Paperback with CD-ROM for Windows and Mac

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Preface

Integrated Science for CSEC[®] is the third edition of the previously named *CXC Integrated Science*. This third edition has been comprehensively updated in line with the revision of the Caribbean Examination Council's CSEC[®] Integrated Science syllabus, examined for the first time in 2011.

The content and the design of the book will appeal to students who need simple presentation of the material, while also covering all the key information.

The book features:

- clear text, illustrations and photographs
- extensive coverage of the practical skills needed for School-based assessment (SBA), making the book also useful for private students
- coding of practicals throughout the book that identify the skills covered by each practical
- photocopiable worksheets for over 30 SBA practicals, from which teachers can select the ones they wish to use
- activities for discussion and research, interwoven into the text
- 'Did you know?' boxes, providing extra information and added interest
- a summary on each double-page spread that students complete in their Exercise books using key words
- numerous questions within the text.

Additional features of the book are summarized on the back cover.

The book is arranged within chapters as double-page spreads. Each double-page spread contains a list of the specific objectives for that spread, which are based on the syllabus objectives.

The chapters are arranged in four sections.

- Introduction, which revises important topics studied in previous grades and covers the practical skills required for SBA
- A The organism and its environment
- B The home and workplace
- C Energy

At the back of the book, there is a section about School-based assessment, which contains tables summarizing skills used in science investigating and reporting, and worksheets to accompany selected SBA practicals chosen from throughout the syllabus. The Glossary and Index contains comprehensive descriptions of important terms.

The CD-ROM in the back of the book contains:

- animations that illustrate certain key concepts and present problem situations for students to solve
- sample questions in Integrated Science, including examination-style questions and free-response questions for discussion
- answers to all the 'Key ideas' from within the book, which together provide a summary of the whole course
- notes for teachers about setting up and marking SBA practicals.

Additional information for both students and teachers can be found at www.cambridge.org/education.

The authors would like to record their thanks for the feedback received from the adviser, Sue Cameron-Chambers.

June Mitchelmore
John Phillips
John Steward

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