

## Biology SI Paper 3 Tz1 Dpbiologyiszl

*This book is part of a two-volume work that offers a unique blend of information on realistic evaluations of catalyst-based synthesis processes using green chemistry principles and the environmental sustainability applications of such processes for biomass conversion, refining, and petrochemical production. The volumes provide a comprehensive resource of state-of-the-art technologies and green chemistry methodologies from researchers, academics, and chemical and manufacturing industrial scientists. The work will be of interest to professors, researchers, and practitioners in clean energy catalysis, green chemistry, chemical engineering and manufacturing, and environmental sustainability. This volume focuses on the potentials, recent advances, and future prospects of catalysis for biomass conversion and value-added chemicals production via green catalytic routes. Readers are presented with a mechanistic framework assessing the development of product selective catalytic processes for biomass and biomass-derived feedstock conversion. The book offers a unique combination of contributions from experts working on both lab-scale and industrial catalytic processes and provides insight into the use of various catalytic materials (e.g., mineral acids, heteropolyacid, metal catalysts, zeolites, metal oxides) for clean energy production and environmental sustainability.*

*This book provides practical support and guidance to help IB Diploma Programme students prepare for their mathematics HL exams.*

*"The present book is a revised edition of The Hebrew Gospel of Matthew according to a Primitive Hebrew Text (1995) in which the Hebrew text of the Gospel of Matthew as it appeared in Even Bohan is printed, accompanied by an English translation and an expanded and thorough revision of Howard's critical analysis. An important thrust of this new edition is to establish that the Hebrew Matthew of the Even Bohan predates the fourteenth century. It shares many readings with ancient Christian writings, some of which were lost in antiquity only to reappear in modern times. These included Codex Sinaiticus, the Old Syriac version, the Coptic Gospel of Thomas, and a host of others. Howard also analyzes the language, artistic touches, and theology of the Hebrew Gospel. Perhaps most significant are the portraits of Jesus Christ and John the Baptist depicted in the document. Both portraits belong to an early form of Jewish Christianity -- lost in antiquity -- in which the Baptist plays a salvific role in the redemption of humanity and Jesus operates as a divine solicitor and judge."--Back cover.*

*Henri Poincaré was one of the greatest mathematicians of the late nineteenth and early twentieth century. He revolutionized the field of topology, which studies properties of geometric configurations that are unchanged by stretching or twisting. The Poincaré conjecture lies at the heart of modern geometry and topology, and even pertains to the possible shape of the universe. The conjecture states that there is only one shape possible for a finite universe in which every loop can be contracted to a single point. Poincaré’s conjecture is one of the seven "millennium problems" that bring a one-million-dollar award for a solution. Grigory Perelman, a Russian mathematician, has offered a proof that is likely to win the Fields Medal, the mathematical equivalent of a Nobel prize, in August 2006. He also will almost certainly share a Clay Institute millennium award. In telling the vibrant story of The Poincaré Conjecture, Donal O’Shea makes accessible to general readers for the first time the meaning of the conjecture, and brings alive the field of mathematics and the achievements of generations of mathematicians whose work have led to Perelman's proof of this famous conjecture.*

*The Poincare Conjecture*

*Chemistry for the IB Diploma Coursebook with Free Online Material*

*Mathematics for the International Student: Worked solutions*

*Applications and interpretation HL*

*In Search of the Shape of the Universe*

*Mittag-Leffler Functions, Related Topics and Applications*

On the occasion of the International Conference on Cosmic Rays held in Kyoto in August 1979 five aged members of the cosmic ray fraternity, H. Elliot, V. L. Ginzburg, B. Peters, Y. Sekido, and J. A. Simpson met together as a dinner party devoted to the enjoyment of Japanese cuisine and reminiscences of our younger days. This pleasant occasion called to of our own age as well as some eminent seniors not present at the mind the many friends conference whose recollections would have further enriched and enlivened our evening. By the time the dinner came to an end we had agreed that the compilation of a more extensive collection of personal reminiscences would be an interesting and worthwhile undertaking. Accordingly, the next day we held an editorial meeting to draw up a list of potential authors and two of us, the present editors, started work on the project. In putting the book together our intention has been to try to capture and record through these personal accounts something of the atmosphere, the excitement and the frustrations of research in cosmic rays as experienced at first hand by some of the practiioners in the field. It has never been our intention that it should comprise a systematic history of the subject. Neither, unfortunately, can it be a fully representative collection since practical limits to the size of the volume alone would preclude that.

This book is a printed edition of the Special Issue "Carboxylic Acid Production" that was published in Fermentation

This monograph on plant cell division provides a detailed overview of the molecular events which commit cells to mitosis or which affect, or effect mitosis.

As a result of researchers’ and scientists’ increasing interest in pure as well as applied mathematics in non-conventional models, particularly those using fractional calculus, Mittag-Leffler functions have recently caught the interest of the scientific community. Focusing on the theory of the Mittag-Leffler functions, the present volume offers a self-contained, comprehensive treatment, ranging from rather elementary matters to the latest research results. In addition to the theory the authors devote some sections of the work to the applications, treating various situations and processes in viscoelasticity, physics, hydrodynamics, diffusion and wave phenomena, as well as stochastics. In particular the Mittag-Leffler functions allow us to describe phenomena in processes that progress or decay too slowly to be represented by classical functions like the exponential function and its successors. The book is intended for a broad audience, comprising graduate students, university instructors and scientists in the field of pure and applied mathematics, as well as researchers in applied sciences like mathematical physics, theoretical chemistry, bio-mathematics, theory of control and several other related areas.

Biomass Conversion and Green Chemistry - Volume 1

Handbook of Bioequivalence Testing

Physics Division Annual Report

Chemistry HL

Personal Reminiscences with Old Photographs

*More than 130 activity ideas - growing crystals, launching water rockets, testing a light dimmer, mapping elevations, testing soil - prompt students to make eye-opening discoveries in biology, chemistry, earth science, environmental science, and physics. Each activity ends by citing other related activities in the book. A special "more for less" section provides tips for getting and making scientific materials at bargain prices, and all activities are indexed by skills and subject areas. Grades K-8. Index. Conversion tables. Illustrated. Good Year Books. 306 pages. Third Edition.*

*As the generic pharmaceutical industry continues to grow and thrive, so does the need to conduct efficient and successful bioequivalence studies. In recent years, there have been significant changes to the statistical models for evaluating bioequivalence, and advances in the analytical technology used to detect drug and metabolite levels have made*

*This book reviews the principles and applications of radiotherapy in the management of pediatric brain tumors to allow the reader to gain a full appreciation of the major aspects involved in caring for these patients. Individual sections are devoted to basic principles, specific management for the full range of tumor entities, radiotherapy techniques, and potential toxicities and their management. The book is written and edited by world leaders in pediatric radiotherapy, and care has been taken to cover the latest advances in diagnosis and radiotherapy techniques. Pediatric brain tumors represent a diverse group of neoplasms that require carefully planned management for successful definitive treatment. Radiotherapy is one of the fundamental components in treatment for the majority of these vulnerable patients. The optimal radiation therapy approach will depend on multiple factors, including tumor type and location, extent of disease, age of the patient, and other therapies. A thorough understanding of the natural history of the disease, communication with the multidisciplinary team, full knowledge of available radiotherapy techniques, and consideration of potential acute and late toxicities are therefore essential for each patient.*

*Photosynthesis is the process by which plants, algae and certain species of bacteria transform solar energy into chemical energy in the form of organic molecules. In fact, all life on the planet ultimately depends on photosynthetic energy conversion. The book provides a compressive and state-of-the-art of very recent progress on photosynthesis research. The topics span from atom to intact plants, from femtosecond reactions to season long production, from physics to agronomy. The book is to offer advanced undergraduate students, graduate students, and research specialists the most recent advances in the all aspects of photosynthesis research. The book is intended to offer researchers detailed information on the most recent advances in all aspects of photosynthesis research. Tingyun Kuang is a professor at Institute of Botany, the Chinese Academy of Sciences (CAS) and the Academician of CAS; Congming Lu is a professor at Institute of Botany, CAS; Lixin Zhang is a professor at Institute of Botany, CAS and the Chief Scientist in the National Basic Research Program of China on photosynthesis.*

*Bayes Or Bust?*

*Activity-Based Protein Profiling*

*Ideas and Activities for Teachers and Children*

*Creative Sciencing*

*Mathematics for the IB Diploma: Applications and interpretation HL*

*Exam Practice Workbook for Mathematics for the IB Diploma: Analysis and Approaches SL*

Consolidate learning and develop problem solving skills through exam practice questions; ideal for independent learning, homework or extension activities. · Strengthen skills and consolidate knowledge with a wealth of advice and questions that mirrors the syllabus line by line. · Prepare thoroughly for assessment with revision and exam tips, including a calculator skills checklist and mark scheme guidance. · Build confidence using the six mock exam papers, with accompanying mark schemes. · Ideal for independent learning, homework or extension activities, this workbook contains a wealth of exam-style practice. · Answers for the practice questions are available for free at www.hoddereducation.com/ibextras

This book spans diverse aspects of modified nucleic acids, from chemical synthesis and spectroscopy to in vivo applications, and highlights studies on chemical modifications of the backbone and nucleobases. Topics discussed include fluorescent pyrimidine and purine analogs, enzymatic approaches to the preparation of modified nucleic acids, emission and electron paramagnetic resonance (EPR) spectroscopy for studying nucleic acid structure and dynamics, non-covalent binding of low- and high-MW ligands to nucleic acids and the design of unnatural base pairs. This unique book addresses new developments and is designed for graduate level and professional research purposes.

The motivation for writing aseries ofbooks on biomechanics is to bring this rapidly developing subject to students of bioengineering, physiology, and mechanics. In the last decade biomechanics has become a recognized disci pline offered in virtually all universities. Yet there is no adequate textbook for instruction; neither is there a treatise with sufficiently broad coverage. A few books bearing the title of biomechanics are too elementary, others are too specialized. I have long felt a need for a set of books that will inform students of the physiological and medical applications of biomechanics, and at the same time develop their training in mechanics. We cannot assume that all students come to biomechanics already fully trained in fluid and solid mechanics; their knowledge in these subjects has to be developed as the course proceeds. The scheme adopted in the present series is as follows. First, some basic training in mechanics, to a level about equivalent to the first seven chapters of the author’s A First Course in Continuum Mechanics (Prentice-Hall,Inc. 1977), is assumed. We then present some essential parts of biomechanics from the point of view of bioengineering, physiology, and medical applications. In the meantime, mechanics is developed through a sequence of problems and examples. The main text reads like physiology, while the exercises are planned like a mechanics textbook. The instructor may fill a dual role: teaching an essential branch of life science, and gradually developing the student’s knowledge in mechanics.

Carefully researched by the authors to bring the subject of chemistry up-to-date, this text provides complete coverage of the new A- and AS-level core specifications. The inclusion of objectives and questions make it suitable for self study.

Advanced Chemistry

Mathematics HL

Radiation Oncology for Pediatric CNS Tumors

Bibliography of Agriculture with Subject Index

Catalysis for Clean Energy and Environmental Sustainability

Nonlinear Functional Analysis and Its Applications

*Our bestselling IB study guide has been updated to meet the needs of students taking the IB Diploma Programme chemistry from 2007. It is highly illustrated and concepts are precisely and clearly described. Higher level material is clearly indicated and all new option material is covered. Students can use this book not only as a revision and practice guide for the exam but for learning and reinforcing concepts throughout the course. New edition available now - ISBN 978-0-19-839002-2*

*This book consists of nine papers covering a number of basic ideas, concepts, and methods of nonlinear analysis, as well as some current research problems. Thus, the reader is introduced to the fascinating theory around Brouwer's fixed point theorem, to Granas' theory of topological transversality, and to some advanced techniques of critical point theory and fixed point theory. Other topics include discontinuous differential equations, new results of metric fixed point theory, robust tracker design problems for various classes of nonlinear systems, and periodic solutions in computer virus propagation models.*

*A concept-driven and assessment-focused approach to Mathematics teaching and learning. - Approaches each chapter with statements of inquiry framed by key and related concepts, set in a global context - Supports every aspect of assessment using tasks designed by an experienced MYP educator - Differentiates and extends learning with research projects and interdisciplinary opportunities - Applies global contexts in meaningful ways to offer an MYP Mathematics programme with an internationally-minded perspective*

*\*\*\*Includes Practice Test Questions\*\*\* IB Chemistry (SL and HL) Examination Secrets helps you ace the International Baccalaureate Diploma Programme, without weeks and months of endless studying. Our comprehensive IB Chemistry (SL and HL) Examination Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. IB Chemistry (SL and HL) Examination Secrets includes: The 5 Secret Keys to IB Test Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review including: Make Predictions, Answer the Question, Benchmark, Valid Information, Avoid Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate Answers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; Along with a complete, in-depth study guide for your specific IB test, and much more...*

*Pathology and Biology of Human Germ Cell Tumors*

*Oxford Ib Diploma Program*

*Limnological Analyses*

*IB Chemistry (SL and HL) Examination Secrets Study Guide*

*Mathematics - Applications and Interpretation*

*Biology for the IB Diploma*

*There is currently no viable alternative to the Bayesian analysis of scientific inference, yet the available versions of Bayesianism fail to do justice to several aspects of the testing and confirmation of scientific hypotheses. Bayes or Bust? provides the first balanced treatment of the complex set of issues involved in this nagging conundrum in the philosophy of science. Both Bayesians and anti-Bayesians will find a wealth of new insights on topics ranging from Bayes's original paper to contemporary formal learning theory. In a paper published posthumously in 1763, the Reverend Thomas Bayes made a seminal contribution to the understanding of "analogical or inductive reasoning." Building on his insights, modem Bayesians have developed an account of scientific inference that has attracted numerous champions as well as numerous detractors. Earman argues that Bayesianism provides the best hope for a comprehensive and unified account of scientific inference, yet the presently available versions of Bayesianisin fail to do justice to several aspects of the testing and confirming of scientific theories and hypotheses. By focusing on the need for a resolution to this impasse, Earman sharpens the issues on which a resolution turns. John Earman is Professor of History and Philosophy of Science at the University of Pittsburgh.*

*Chemistry for the IB Diploma, Second edition, covers in full the requirements of the IB syllabus for Chemistry for first examination in 2016. This digital version of Chemistry for the IB Diploma Coursebook, Second edition, comprehensively covers all the knowledge and skills students need during the Chemistry IB Diploma course, for first examination in 2016, in a reflowable format, adapting to any screen size or device. Written by renowned experts in Chemistry teaching, the text is written in an accessible style with international learners in mind. Self-assessment questions allow learners to track their progress, and exam-style questions help learners to prepare thoroughly for their examinations. Answers to all the questions from within the Coursebook are provided.*

*Research on the multifaceted aspects of modeling, analysis, and synthesis of - man gesture is receiving growing interest from both the academic and industrial communities. On one hand, recent scienti?c developments on cognition, on - fect/emotion, on multimodal interfaces, and on multimedia have opened new perspectives on the integration of more sophisticated models of gesture in c- putersystems.Ontheotherhand,theconsolidationofnewtechnologiesenabling “disappearing” computers and (multimodal) interfaces to be integrated into the natural environments of users are making it realistic to consider tackling the complex meaning and subtleties of human gesture in multimedia systems, - abling a deeper, user-centered, enhanced physical participation and experience in the human-machine interaction process. The research programs supported by the European Commission and s- eral national institutions and governments individuated in recent years strategic ?elds strictly concerned with gesture research. For example, the DG Infor- tion Society of the European Commission (www.cordis.lu/ist) supports several initiatives, such as the “Disappearing Computer” and “Presence” EU-IST FET (Future and Emerging Technologies), the IST program “Interfaces & Enhanced Audio-Visual Services” (see for example the project MEGA, Multisensory - pressive Gesture Applications, www.megaproject.org), and the IST strategic - jective “Multimodal Interfaces.” Several EC projects and other funded research are represented in the chapters of this book.*

*Awiderangeofapplicationscanbene?tfromadvancesinresearchongesture, from consolidated areas such as surveillance to new or emerging ?elds such as therapy and rehabilitation, home consumer goods, entertainment, and aud- visual, cultural and artistic applications, just to mention only a few of them.*

*This book provides, for the first time, a detailed, up-to-date, holistic approach to the pathology and biology of germ cell tumors. The main focus is the complex histopathology of these tumors, but special considerations are also given to their morphologic variations in relation to age, gender and organ. Critical updates are provided on terminology and classification; the discussion of biology and pathogenesis includes references to many molecular genetic and immunohistochemical findings from recent stem cell research. Individual chapters are devoted to germ cell tumors at different anatomic locations, including not only the ovaries and testes but also the mediastinum and central nervous system, and pediatric tumors. All of the contributing authors are opinion leaders from universities of excellence in Europe and the United States. This monograph will be of wide interest to practitioners and researchers in many fields of medicine, including pathology, gynecology, urology, and pediatrics, as well as stem cell scientists.*

*The Move to Global War - Ib History Online Course Book*

*The Vaccine Book*

*Biomechanics*

*Modified Nucleic Acids*

*Mathematics for the IB MYP 3*

*IB Test Review for the International Baccalaureate Diploma Programme*

The 37 expository articles in this volume provide broad coverage of important topics relating to the theory, methods, and applications of goodness-of-fit tests and model validity. The book is divided into eight parts, each of which presents topics written by expert researchers in their areas. Key features include: \* state-of-the-art exposition of modern model validity methods, graphical techniques, and computer-intensive methods \* systematic presentation with sufficient history and coverage of the fundamentals of the subject \* exposure to recent research and a variety of open problems \* many interesting real life examples for practitioners \* extensive bibliography, with special emphasis on recent literature \* subject index This comprehensive reference work will serve the statistical and applied mathematics communities as well as practitioners in the field.

In this thoroughly updated third edition, the authors provide a series of carefully designed and tested field and laboratory exercises that represent the full scope of limnology. In using the text, students will gain a solid foundation in this complex, multidisciplinary field of ecology as they explore the physical, chemical, and biological characteristics of standing and running waters. The book illustrates accepted standard methods as well as modern metabolic and experimental approaches and their research applications. Each exercise is preceded by an introductory section and concludes with questions for students as well as suggestions for further reading. As a textbook, this is a highly structured, concise presentation with a research-oriented approach that openly invites active participation by students.

Exam Board: IB Level: IB Subject: Biology First Teaching: September 2014 First Exam: Summer 16 Stretch your students to achieve their best grade with these year round course companions; providing clear and concise explanations of all syllabus requirements and topics, and practice questions to support and strengthen learning. - Consolidate revision and support learning with a range of exam practice questions and concise and accessible revision notes - Practise exam technique with tips and trusted guidance from examiners on how to tackle questions - Focus revision with key terms and definitions listed for each topic/sub topic The Vaccine Book, Second Edition provides comprehensive information on the current and future state of vaccines. It reveals the scientific opportunities and potential impact of vaccines, including economic and ethical challenges, problems encountered when producing vaccines, how clinical vaccine trials are designed, and how to introduce vaccines into widespread use. Although vaccines are now available for many diseases, there are still challenges ahead for major diseases, such as AIDS, tuberculosis, and malaria. This book is designed for students, researchers, public health officials, and all others interested in increasing their understanding of vaccines. It answers common questions regarding the use of vaccines in the context of a rapidly expanding anti-vaccine environment. This new edition is completely updated and revised with new and unique topics, including new vaccines, problems of declining immunization rates, trust in vaccines, the vaccine hesitancy, and the social value of vaccines for the community vs. the individual child’s risk. Provides insights into diseases that could be prevented, along with the challenges facing research scientists in the world of vaccines Gives new ideas about future vaccines and concepts Introduces new vaccines and concepts Gives ideas about challenges facing public and private industrial investors in the vaccine area Discusses the problem of declining immunization rates and vaccine hesitancy

Plant Cell Division

Hebrew Gospel of Matthew

IB Study Guide: Chemistry 2nd Edition

15th International Conference on Photosynthesis

Biology HL

Daily Language Review Grade 5

Biology for the IB Diploma Study and Revision GuideHachette UK

This book includes Monday to Friday lessons for each day of a 36-week school year and short daily lessons. The Monday to Thursday lessons include two sentences to edit, including corrections in punctuation, capitalization, spelling, grammar, and vocabulary and three items practicing a variety of language and reading skills. Friday practice cycles through five formats: language usage, identifying and correcting mistakes, combining sentences, choosing reference materials and figurative speech (similes, metaphors). The pages are reproducible and the book includes a skills list and answer keys.

This volume provides a collection of contemporary perspectives on using activity-based protein profiling (ABPP) for biological discoveries in protein science, microbiology, and immunology. A common theme throughout is the special utility of ABPP to interrogate protein function and small-molecule interactions on a global scale in native biological systems. Each chapter showcases distinct advantages of ABPP applied to diverse protein classes and biological systems. As such, the book offers readers valuable insights into the basic principles of ABPP technology and how to apply this approach to biological questions ranging from the study of post-translational modifications to targeting bacterial effectors in host-pathogen interactions.

Enable students to construct mathematical models by exploring challenging problems and the use of technology. - Engage and excite students with examples and photos of maths in the real world, plus inquisitive starter activities to encourage their problem-solving skills. - Build mathematical thinking with our ‘Toolkit’ and mathematical exploration chapter, along with our new toolkit feature of questions, investigations and activities. - Develop understanding with key concepts and applications integrated throughout, along with TOK links for every topic. - Prepare your students for assessment with worked examples, extended essay support and colour-coded questions to highlight the level of difficulty and the different types of questions. - Check understanding with review exercise at the end of the textbook. Follows the new 2019 IB Guide for Mathematics: applications and interpretation Higher Level Available in the series Mathematics for the IB Diploma: Analysis and approaches SL Student Book ISBN: 9781510462359 Student eTextbook ISBN: 9781510461895 Whiteboard eTextbook ISBN: 9781510461901 Mathematics for the IB Diploma: Analysis and approaches HL Student Book ISBN: 9781510462366 Student eTextbook ISBN: 9781510461857 Whiteboard eTextbook ISBN: 9781510461864 SL & HL Teaching & Learning Resources ISBN: 9781510461918 Mathematics for the IB Diploma: Applications and interpretation SL Student Book ISBN: 9781510462380 Student eTextbook ISBN: 9781510461994 Whiteboard eTextbook ISBN: 9781510462007 Mathematics for the IB Diploma: Applications and interpretation HL Student Book ISBN: 9781510462373 Student eTextbook ISBN: 9781510461956 Whiteboard eTextbook ISBN: 9781510461963 SL and HL Teaching & Learning Resources ISBN: 9781510462014 Dynamic learning packages (include Teaching & Learning resources and Whiteboard eTextbooks) Analysis & approaches SL & HL ISBN: 9781510461925 Applications and interpretation SL and HL ISBN: 9781510462021 Analysis & approaches SL & HL and Applications and interpretation SL and HL ISBN: 9781510468474

Mechanical Properties of Living Tissues

5th International Gesture Workshop, GW 2003, Genova, Italy, April 15-17, 2003, Selected Revised Papers

Biology for the IB Diploma Study and Revision Guide

A Critical Examination of Bayesian Confirmation Theory

Gesture-Based Communication in Human-Computer Interaction

Goodness-of-Fit Tests and Model Validity

Featuring a wealth of digital content, this concept-based Print and Enhanced Online Course Book Pack has been developed in cooperation with the IB to provide the most comprehensive support for the new DP Mathematics: applications and interpretation HL syllabus, for first teaching in September 2019.

Provide clear guidance to the 2014 changes and ensure in-depth study with accessible content, directly mapped to the new syllabus and approach to learning. This second edition of the highly regarded textbook contains all SL and HL content, which is clearly identified throughout. Options are available free online, along with appendices and data and statistics. - Improve exam performance, with exam-style questions, including from past papers - Integrate Theory of Knowledge into your lessons and provide opportunities for cross-curriculum study - Stretch more able students with extension activities - The shift to concept-based approach to learning , Nature of Science, is covered by providing a framework for the course with points for discussion - Key skills and experiments included

Drive critical, engaged learning. Helping learners more deeply understand historical concepts, the student-centred approach of this new Course Book enables broader, big picture understanding. Developed directly with the IB and fully supporting the new 2015 syllabus, the structured format helps you easily progress through the new course content. - Cover the new syllabus in the right level of depth, with rich, thorough subject content - Developed directly the with IB, with the most comprehensive support for the new syllabus - Truly engage learners with topical, relevant material that convincingly connects learning with the modern, global world - Streamline your planning, with a clear and thorough structure helping you logically progress through the syllabus - Decipher source evaluation, refine and progress analytical thinking and fully embed vital Paper 1 skills, strengthening exam performance - Integrate Approaches to learning with ATLs like thinking, communication, research and social skills built directly into learning - Help learners think critically about improving performance with extensive examiner insight and samples based on the latest exam format - The license is valid until 31st December 2023, for use by a single student or teacher -

Multiplatform access, compatible with a wide range of devices - Your first login will be facilitated by a printed access card that will be sent to you in the mail

Photosynthesis Research for Food, Fuel and Future

Early History of Cosmic Ray Studies

Carboxylic Acid Production

The Origin of Eukaryotic Cells