A Level Biology By Micheal Kent

HODGES LOPEZ

Advancing Biology for OCR Elsevier
This book is a three-volume designed for Y10 and Y11 students. The books are designed to meet the needs of the National Curriculum for key stage 4 GCSE science courses. Topics are organised into self-contained double-page spreads for easy assimilation. The language level is carefully controlled so that the books can be used by students with a wide range of ability. Applications are described to make topic relevant to real life.
Fisheries Biology, Assessment and Management World Scientific
Designed for the one-semester human biology course, this full-color manual offers activities for 23 laboratory sessions in a variety of formats to allow the instructor to customize these exercises to the needs of their course. The lab manual's depth of coverage invites students to explore fundamental concepts of human biology in a laboratory setting.
The Vital Question Goodheart-Wilcox Publisher
This excellent second edition of Fisheries Biology, Assessment and Management, has been fully updated and expanded, providing a book which is an essential purchase for students and scientists studying, working or researching in fisheries and aquatic sciences. In the same way that excessive hunting on land has threatened terrestrial species, excessive fishing in the sea has reduced stocks of marine species to dangerously low levels. In addition, the ecosystems that support coastal marine species are threatened by habitat destruction, development and pollution. Open access policies and subsidised fishing are placing seafood in danger of becoming a scarce and very expensive commodity for which there is an insatiable demand. Positive trends include actions being taken to decrease the incidental catches of non-target species, consumer preferences for seafood from sustainable fisheries, and the establishment of no-take areas that provide refuges for marine species. But there is an urgent need to do more. Because there is an increasing recognition of the need to manage ecosystems as well as fish stocks, this second edition of this bestselling text book includes an additional chapter on marine ecology. Chapters on parameter estimation and stock assessment now include step-by-step instructions on building computer spreadsheet models, including simulations with random variations that realistically emulate the vagaries of nature. Sections on ecosystem management, co-management, community-based management and marine protected areas have been expanded to match the increased interest in these areas. Containing many worked examples, computer programs and numerous high quality illustrations, Fisheries Biology, Assessment and Management, second edition, is a comprehensive and essential text for students worldwide studying fisheries, fish biology, aquatic and biological sciences. As well as serving as a core text for students, the book is a superb reference for fisheries and aquatic researchers, scientists and managers across the globe, in both temperate and tropical regions. Libraries in all universities where fish biology, fisheries, aquatic sciences and biological sciences are studied and taught will need copies of this most useful new edition on their shelves. Supplementary material is available at: www.blackwellpublishing.com/king
Landmark Experiments in Molecular Biology John Wiley & Sons
From the emergence of life, to Leewenhoek's microscopic world, to GMO crops, The Biology Book presents 250 landmarks in the most widely studied scientific field. Brief, engaging, and colorfully illustrated synopses introduce readers to every major subdiscipline, including cell theory, genetics, evolution, physiology, thermodynamics, molecular biology, and ecology. With information on such varied topics as paleontology, pheromones, nature vs. nurture, DNA fingerprinting, bioenergetics, and so much more, this lively collection will engage everyone who studies and appreciates the life sciences.
Molecular Biology of B Cells Benjamin Cummings
Written by an experienced author and teacher for students of all abilities, Advanced Biology will spark interest and motivate your A-Level students. Questions give opportunities to practise recall and analytical skills, and 'Fact of Life' boxes highlight thought-provoking aspects of biology. There are full colour illustrations throughout.
A-Level Biology Academic Press
A comprehensive and accessible survey of the major issues at the biology-religion interface.
The Biology Book Nelson Thornes
"Biology, Fourteenth edition is an understanding of biological concepts and a working knowledge of the scientific process"--
Advanced Biology Union Square & Company
The OCR A Level Biology A Revision Guide provides comprehensive, specification-matched content, packed with engaging revision and practice material to keep you focused. It also contains a wealth of exam-style questions to test your knowledge and skills to help you fully prepare for the exams.
Practical Advanced Biology Oxford University Press, USA
Any sound practical philosophy must be clear on practical concepts—concepts, in particular, of life, action, and practice. This clarity is Michael Thompson’s aim in his ambitious work. In Thompson’s view, failure to comprehend the structures of thought and judgment expressed in these concepts has disfigured modern moral philosophy, rendering it incapable of addressing the larger questions that should be its focus. In three investigations, Thompson considers life, action, and practice successively, attempting to exhibit these interrelated concepts as pure categories of thought, and to show how a proper exposition of them must be Aristotelian in character. He contends that the pure character of these categories, and the Aristotelian forms of reflection necessary to grasp them, are systematically obscured by modern theoretical philosophy, which thus blocks the way to the renewal of practical philosophy. His work recovers the possibility, within the tradition of analytic philosophy, of hazarding powerful generalities, and of focusing on the larger issues—like “life”—that have the power to revive philosophy. As an attempt to relocate crucial concepts from moral philosophy and the theory of action into what might be called the metaphysics of life, this original work promises to reconfigure a whole sector of philosophy. It is a work that any student of contemporary philosophy must grapple with.
Biology, Religion, and Philosophy Pearson Higher Ed
“If you’ve been looking for something different to level up your health, fitness, and personal growth, this is it.”—Melissa Urban, Whole30 CEO and New York Times bestselling author of The Book of Boundaries “Michael Easter’s genius is that he puts data around the edges of what we intuitively believe. His work has inspired many to change their lives for the better.”—Dr. Peter Attia, #1 New York Times bestselling author of Outlive Discover the evolutionary mind and body benefits of living at the edges of your comfort zone and reconnecting with the wild—from the author of Scarcity Brain, coming in September! In many ways, we’re more comfortable than ever before. But could our sheltered, temperature-controlled, overfed, underchallenged lives actually be the leading cause of many our most urgent physical and mental health issues? In this gripping investigation, award-winning journalist Michael Easter seeks out off-the-grid visionaries, disruptive genius researchers, and mind-body conditioning trailblazers who are unlocking the life-enhancing secrets of a counterintuitive solution: discomfort. Easter’s journey to understand our evolutionary need to be challenged takes him to meet the NBA’s top exercise scientist, who uses an ancient Japanese practice to build championship athletes; to the mystical country of Bhutan, where an Oxford economist and Buddhist leader are showing the world what death can teach us about happiness; to the outdoor lab of a young neuroscientist who’s found that nature tests our physical and mental endurance in ways that expand creativity while taming burnout and anxiety; to the remote Alaskan

backcountry on a demanding thirty-three-day hunting expedition to experience the rewilding secrets of one of the last rugged places on Earth; and more. Along the way, Easter uncovers a blueprint for leveraging the power of discomfort that will dramatically improve our health and happiness, and perhaps even help us understand what it means to be human. The Comfort Crisis is a bold call to break out of your comfort zone and explore the wild within yourself.

Preparing for A&P Nelson Thornes

Understanding how a multicellular animal develops from a single cell (the fertilized egg) poses one of the greatest challenges in biology today. Development from egg to adult involves the sequential expression of virtually the whole of an organism's genetic instructions both in the mother as she lays down developmental cues in the egg, and in the embryo itself. Most of our present information on the role of genes in development comes from the invertebrate fruit fly, Drosophila. The two authors of this text (amongst the foremost authorities in the world) follow the developmental process from fertilization through the primitive structural development of the body plan of the fly after cleavage into the differentiation of the variety of tissues, organs and body parts that together define the fly. The developmental processes are fully explained throughout the text in the modern language of molecular biology and genetics. This text represents the vital synthesis of the subject that many have been waiting for and it will enable many specific courses in developmental biology and molecular genetics to focus on it. It will appeali to 2nd and 3rd year students in these disciplines as well as in biochemistry, neurobiology and zoology. It will also have widespread appeal among researchers. Authored by one of the foremost authorities in the world. A unique synthesis of the developmental cycle of Drosophila - our major source of information on the role of genes in development. Designed to provide the basis of new courses in developmental biology and molecular genetics at senior undergraduate level. A lucid explanation in the modern language of the science.

Laboratory Manual for Human Biology HarperCollins UK

Written by curriculum and specification experts, this Student Book supports and extends students through the new course while delivering the breadth, depth, and skills needed to succeed in the new AS and beyond. It develops true subject knowledge while also developing essential exam skills.

Biology for Life Elsevier

Behe argues that the complexity of cellular biochemistry argues against Darwin's gradual evolution.

Campbell Biology in Focus University of Chicago Press

Landmark Experiments in Molecular Biology critically considers breakthrough experiments that have constituted major turning points in the birth and evolution of molecular biology. These experiments laid the foundations to molecular biology by uncovering the major players in the machinery of inheritance and biological information handling such as DNA, RNA, ribosomes, and proteins. Landmark Experiments in Molecular Biology combines an historical survey of the development of ideas, theories, and profiles of leading scientists with detailed scientific and technical analysis. - Includes detailed analysis of classically designed and executed experiments - Incorporates technical and scientific analysis along with historical background for a robust understanding of molecular biology discoveries - Provides critical analysis of the history of molecular biology to inform the future of scientific discovery - Examines the machinery of inheritance and biological information handling

Sertoli Cell Biology Oxford University Press, USA

Despite its historical impact on the biological sciences, the paper entitled 'On the Nature of Gene Mutation and Gene Structure' has remained largely inaccessible because it was only published in a short-lived German periodical. This book makes the 'Three Man' Paper available in English for the first time.

Quantitative Imaging in Cell Biology OUP Oxford

The major new course text has been written by experienced authors to provide coverage of the Advanced Subsidiary (AS) and Advanced GCE Biology and Human Biology specifications in a single book. Advanced Biology provides clear, well-illustrated information, which will help develop a full understanding of biological structure and function and of relevant applications. The topics have been carefully organised into parts, which give a logical sequence to the book. This new text has been developed to replace the best-selling titles Biology: Principles and Processes and Biology, A Functional Approach. Features include: full-colour design with clear diagrams and photographs; up-to-date information on biotechnology, health, applied genetics and ecology; clearly written text using the latest Institute of Biology terminology; a useful summary and a bank of practice questions at the end of every chapter; support boxes help bridge the gap from GCSE or equivalent courses; extension boxes providing additional depth of content - some by guest authors who are experts in their field; and a comprehensive index so you can quickly locate information with ease. There is also a website providing additional support that you can access directly at www.advancedbiolgy.co.uk.

Practical Biology for Advanced Level Pearson

Population Biology of Vector-Borne Diseases is the first comprehensive survey of this rapidly developing field. The chapter topics provide an up-to-date presentation of classical concepts, reviews of emerging trends, synthesis of existing knowledge, and a prospective agenda for future research. The contributions offer authoritative and international perspectives from leading thinkers in the field. The dynamics of vector-borne diseases are far more intrinsically ecological compared with their directly transmitted equivalents. The environmental dependence of ectotherm vectors means that vector-borne pathogens are acutely sensitive to changing environmental conditions. Although perennially important vector-borne diseases such as malaria and dengue have deeply informed our understanding of vector-borne diseases, recent emerging viruses such as West Nile virus, Chikungunya virus, and Zika virus have generated new scientific questions and practical problems. The study of vector-borne disease has been a particularly rich source of ecological questions, while ecological theory has provided the conceptual tools for thinking about their evolution, transmission, and spatial extent. Population Biology of Vector-Borne Diseases is an advanced textbook suitable for graduate level students taking courses in vector biology, population ecology, evolutionary ecology, disease ecology, medical entomology, viral ecology/evolution, and parasitology, as well as providing a key reference for researchers across these fields.

The Comfort Crisis Academic Press

"For the last three decades, Campbell Biology has been the leading college text in the biological sciences. It has been translated into 19 languages and has provided millions of students with a solid foundation in college-level biology. This success is a testament not only to Neil Campbell's original vision but also to the dedication of hundreds of reviewers (listed on pages xxviii-xxxi), who, together with editors, artists, and contributors, have shaped and inspired this work"--

Creating a Physical Biology

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Award-winning teacher Michael D. Johnson catches your interest immediately by connecting basic biology concepts to real-world issues that are relevant to your life. Through a storytelling approach and extensive online support, Human Biology: Concepts and Current Issues, Sixth Edition not only demystifies how the human body works but helps you to become a better consumer of health and science information. Each chapter now opens with Johnson’s popular "Current Issue" essays, and inside each chapter are entries from the author’s own, frequently updated blog. Expanded online resources are now available and conveniently referenced in chapter sections with icons and URLs. The Sixth Edition also offers you stronger self-assessment tools, with new and expanded critical-thinking questions throughout each chapter and in the end-of-chapter reviews.

Developmental Biology Wiley-Blackwell

An accessible resource that can be used alongside the Advanced Biology text or any other core Advanced Biology text, as it covers the practical element for AS and A Level Biology.