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KEY=WAEC - IZAIHA FIELDS

PARENTOLOGY

EVERYTHING YOU WANTED TO KNOW ABOUT THE SCIENCE OF RAISING CHILDREN BUT WERE TOO EXHAUSTED TO ASK

Simon and Schuster An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions" (Amy Chua, author of *Battle Hymn of the Tiger Mother*). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In *Parentology*, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him the limits of his profession. *Parentology* teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.

EXAMINATION QUESTIONS AND ANSWERS IN BASIC ANATOMY AND PHYSIOLOGY

2000 MULTIPLE CHOICE QUESTIONS

Springer This book provides two thousand multiple choice questions on human anatomy and physiology, separated into 40 categories. The answer to each question is accompanied by an explanation. Each category has an introduction to set the scene for the questions to come. However not all possible information is provided within these Introductions, so an Anatomy and Physiology textbook is an indispensable aid to understanding the answers. The questions have been used in examinations for undergraduate introductory courses and as such reflect the focus of these particular courses and are pitched at the level to challenge students that are beginning their training in anatomy and physiology. The questions and answer combinations are to be used both by teachers, to select questions for their next examinations, and by students, when studying for an upcoming test. Students enrolled in the courses for which these questions were written include nursing, midwifery, paramedic, physiotherapy, occupational therapy, nutrition & dietetics, health sciences and students taking an anatomy and physiology course as an elective.

EXPO '77

University Press Llc

WOMEN OF OWU

Ibadan University Press This is an African retelling of Euripides: an unnervingly topical story of a people and a beloved city destroyed by the brutality of war. The play was first performed in Lagos in 2003 under the distinguished director Chuck Mike, and subsequently toured the UK.

FOSTERING INTEGRITY IN RESEARCH

National Academies Press The integrity of knowledge that emerges from research is based on individual and collective adherence to core values of objectivity, honesty, openness, fairness, accountability, and stewardship. Integrity in science means that the organizations in which research is conducted encourage those involved to exemplify these values in every step of the research process. Understanding the dynamics that support "or distort" practices that uphold the integrity of research by all participants ensures that the research enterprise advances knowledge. The 1992 report *Responsible Science: Ensuring the Integrity of the Research Process* evaluated issues related to scientific responsibility and the conduct of research. It provided a valuable service in describing and analyzing a very complicated set of issues, and has served as a crucial basis for thinking about research integrity for more than two decades. However, as experience has accumulated with various forms of research misconduct, detrimental research practices, and other forms of misconduct, as subsequent empirical research has revealed more about the nature of scientific misconduct, and because technological and social changes have altered the environment in which science is conducted, it is clear that the framework established more than two decades ago needs to be updated. *Responsible Science* served as a valuable benchmark to set the context for this most recent analysis and to help guide the committee's thought process. *Fostering Integrity in Research* identifies best practices in research and recommends practical options for discouraging and addressing research misconduct and detrimental research practices.

WJEC BIOLOGY FOR A2: STUDY AND REVISION GUIDE

Endorsed by WJEC, this Study and Revision Guide offers you high quality support you can trust. Written by an experienced teacher and examiner, it provides essential underpinning knowledge to recap and revise as well as supporting the development of skills you need to correctly interpret and answer the new exam questions. / An exam practice and technique section offers advice on how exam questions are set and marked. / Plenty of practice questions are included with teacher commentaries. / Grade boost tips help refine exam technique, improve grades and avoid common mistakes. / Numerous diagrams clearly explain each concept. / Pointers focus on understanding and using the underpinning knowledge. / Key terms are clearly defined on each page. / Quickfire questions check and reinforce your understanding.

INHERITANCE

NUMERICAL METHODS FOR ENGINEERS

Numerical techniques required for all engineering disciplines explained. Necessary amount of elementary material included. Difficult concepts explained with solved examples. Some equations solved by different techniques for wider exposure. An extensive set of graded problems with hints included.

SUSTAINABLE DEVELOPMENT AND SOCIAL RESPONSIBILITY—VOLUME 2

PROCEEDINGS OF THE 2ND AMERICAN UNIVERSITY IN THE EMIRATES INTERNATIONAL RESEARCH CONFERENCE, AUEIRC'18—DUBAI, UAE 2018

Springer Nature This book gathers high-quality research papers presented at the 2nd AUE international research conference, AUEIRC 2018, which was organized by the American University in the Emirates, Dubai, and held on November 13th-15th, 2018. The book is broadly divided into two main sections: Sustainability and Smart Business, and Sustainability and Creative Industries. The broad range of topics covered under these sections includes: risk assessment in agriculture, corporate social responsibility and the role of intermediaries, the impact of privatizing health insurance, political events and their effect on foreign currency exchange, the effect of sustainable HR practices on financial performance, sustainability integration in the supply chain and logistics, gender inequality in the MENA economies, the panel data model, the model of sustainable marketing in the era of Industry 4.0, micro-enterprises as a tool for combating unemployment, the impact of financial education and control on financial behavior, measuring financial and asset performance in agricultural firms, a comprehensive strategic approach to sustainability in the UAE, sustainability and project finance, HR analytics, FaD or fashion for organizational sustainability, a conceptual framework of sustainable competitive advantages, psychology of organizational sustainability, Blockchain technology and sustainability, veganism and sustainability, institution building from an emotional intelligence perspective, sustainable concrete production using CWP, occupants' behavior and energy usage in Emirati houses, the effect of shop lighting on consumer behavior, multimedia applications in digital transformation art, integrating biomimicry principles in sustainable architecture, experimental sustainable practices in fashion education, technology-assisted student-centered learning for civil engineering, and a 10-step design process for architectural design studios. All contributions present high-quality original research work, findings and lessons learned in practical development.

MOLECULAR VIROLOGY OF HUMAN PATHOGENIC VIRUSES

Academic Press *Molecular Virology of Human Pathogenic Viruses* presents robust coverage of the key principles of molecular virology while emphasizing virus family structure and providing key context points for topical advances in the field. The book is organized in a logical manner to aid in student discoverability and comprehension and is based on the author's more than 20 years of teaching experience. Each chapter will describe the viral life cycle covering the order of classification, virion and genome structure, viral proteins, life cycle, and the effect on host and an emphasis on virus-host interaction is conveyed throughout the text. *Molecular Virology of Human Pathogenic Viruses* provides essential information for students and professionals in virology, molecular biology, microbiology, infectious disease, and immunology and contains outstanding features such as study questions and recommended journal articles with perspectives at the end of each chapter to assist students with scientific inquiries and in reading primary literature. Presents viruses within their family structure Contains recommended journal articles with perspectives to put primary literature in context Includes integrated recommended reading references within each chapter Provides access to online ancillary package inclusive of annotated PowerPoint images, instructor's manual, study guide, and test bank

INTERACTIVE MULTIMEDIA IN EDUCATION AND TRAINING

IGI Global This text emerges out of the need to share information and knowledge on the research and practices of using multimedia in various educational settings. It discusses issues relating to planning, designing and development of interactive multimedia, offering research data.

NELSON MATHEMATICS FOR CAMBRIDGE INTERNATIONAL A LEVEL: PURE MATHEMATICS 2 & 3

Oxford University Press - Children The Nelson Mathematics for Cambridge International AS & A Level series is tailored to the needs of A and AS level students of the latest 9709 syllabus. Developed by a team of experienced examiners and international authors, it provides comprehensive coverage for this syllabus and effective preparation for the Cambridge exams. The Nelson Pure Mathematics 2 and 3 for Cambridge International A Level text is designed for students taking the P2 and P3 exam papers. It provides introductions to topics and step-by-step worked examples to aid students in their understanding of the course material. Regular summaries of formulae and key pieces of information help students to revise. Numerous exercises provide opportunities to practice learning and to embed and develop skills. Students are well equipped to reach their full potential, with practice exam papers providing opportunities for effective exam preparation.

WHAT KIND OF CLOUDS?

Capstone Kids learn to watch the clouds to prepare for the day ahead. Catchy lyrics introduce the types of clouds and the weather they bring, while colorful illustrations support the concepts and make learning about science fun. Read along and listen to the beautiful Cantata songs within the engaging Capstone Interactive eBook format.

NELSON MATHEMATICS FOR CAMBRIDGE INTERNATIONAL A LEVEL: MECHANICS 1

Oxford University Press - Children The Nelson Mathematics for Cambridge International AS & A Level series is tailored to the needs of A and AS level students of the latest 9709 syllabus. Developed by a team of experienced examiners and international authors, it provides comprehensive coverage for this syllabus and effective preparation for the Cambridge exams. The Nelson Mechanics 1 for Cambridge International A Level is for students taking the M1 exam paper. It provides introductions to topics and step-by-step worked examples to aid students in their understanding of the course material. Learning objectives are also included, letting students know exactly what they need to learn and understand in each topic. Plenty of examples throughout the text strengthen students' understanding. Students are well equipped to reach their full potential, with practice exam papers providing opportunities for effective exam preparation.

MULTIMEDIA LEARNING

Cambridge University Press Although verbal learning offers a powerful tool, Mayer explores ways of going beyond the purely verbal. Recent advances in graphics technology and information technology have prompted new efforts to understand the potential of multimedia learning as a means of promoting human understanding. In this second edition, Mayer includes double the number of experimental comparisons, 6 new principles - signalling, segmenting, pertaining, personalization, voice and image principles. The 12 principles of multimedia instructional design have been reorganized into three sections - reducing extraneous processing, managing essential processing and fostering generative processing. Finally an indication of the maturity of the field is that the second edition highlights boundary conditions for each principle research-based constraints on when a principle is likely or not likely to apply. The boundary conditions are interpreted in terms of the cognitive theory of multimedia learning, and help to enrich theories of multimedia learning.

THE BLINKARDS

A COMEDY

WHY NATIONS FAIL

THE ORIGINS OF POWER, PROSPERITY AND POVERTY

Profile Books Shortlisted for the Financial Times and Goldman Sachs Business Book of the Year Award 2012. Why are some nations more prosperous than others? Why Nations Fail sets out to answer this question, with a compelling and elegantly argued new theory: that it is not down to climate, geography or culture, but because of institutions. Drawing on an extraordinary range of contemporary and historical examples, from ancient Rome through the Tudors to modern-day China, leading academics Daron Acemoglu and James A. Robinson show that to invest and prosper, people need to know that if they work hard, they can make money and actually keep it - and this means sound institutions that allow virtuous circles of innovation, expansion and peace. Based on fifteen years of research, and answering the competing arguments of authors ranging from Max Weber to Jeffrey Sachs and Jared Diamond, Acemoglu and Robinson step boldly into the territory of Francis Fukuyama and Ian Morris. They blend economics, politics, history and current affairs to provide a new, powerful and persuasive way of understanding wealth and poverty.

HARVEST OF CORRUPTION

LONELY DAYS

THE ROAD TO CHARACTER

Random House #1 NEW YORK TIMES BESTSELLER • David Brooks challenges us to rebalance the scales between the focus on external success—"résumé virtues"—and our core principles. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY THE ECONOMIST With the wisdom, humor, curiosity, and sharp insights that have brought millions of readers to his New York Times column and his previous bestsellers, David Brooks has consistently illuminated our daily lives in surprising and original ways. In *The Social Animal*, he explored the neuroscience of human connection and how we can flourish together. Now, in *The Road to Character*, he focuses on the deeper values that should inform our lives. Looking to some of the world's greatest thinkers and inspiring leaders, Brooks explores how, through internal struggle and a sense of their own limitations, they have built a strong inner character. Labor activist Frances Perkins understood the need to suppress parts of herself so that she could be an instrument in a larger cause. Dwight Eisenhower organized his life not around impulsive self-expression but considered self-restraint. Dorothy Day, a devout Catholic convert and champion of the poor, learned as a young woman the vocabulary of simplicity and surrender. Civil rights pioneers A. Philip Randolph and Bayard Rustin learned reticence and the logic of self-discipline, the need to distrust oneself even while waging a noble crusade. Blending psychology, politics, spirituality, and confession, *The Road to Character* provides an opportunity for us to rethink our priorities, and strive to build rich inner lives marked by humility and moral depth. "Joy," David Brooks writes, "is a byproduct experienced by people who are aiming for something else. But it comes." Praise for *The Road to Character* "A hyper-readable, lucid, often richly detailed human story."—The New York Times Book Review "This profound and eloquent book is written with moral urgency and philosophical elegance."—Andrew Solomon, author of *Far from the Tree* and *The Noonday Demon* "A powerful, haunting book that works its way beneath your skin."—The Guardian "Original and eye-opening . . . Brooks is a normative version of Malcolm Gladwell, culling from a wide array of scientists and thinkers to weave an idea bigger than the sum of its parts."—USA Today

CALCULATIONS FOR A-LEVEL PHYSICS

Nelson Thornes It gives thorough expert explanations, worked examples and plenty of exam practice in Physics calculations. It can be used as a course support book as well as for exam practice.

THE SUCCESSORS

DO NOT GO GENTLE INTO THAT GOOD NIGHT

EVALUATION MODELS

VIEWPOINTS ON EDUCATIONAL AND HUMAN SERVICES EVALUATION

Springer Science & Business Media Attempting to evaluate something involves the evaluator coming to grips with a number of abstract concepts such as value, merit, worth, growth, criteria, standards, objectives, needs, norms, client, audience, validity, reliability, objectivity, practical significance, accountability, improvement, process, product, formative, summative, costs, impact, infonnation, credibility, and - of course - with the tenn evaluation itself. To communicate with colleagues and clients, evaluators need to clarify what they mean when they use such terms to denote important concepts central to their work. Moreover, evaluators need to integrate these concepts and their meanings into a coherent framework that guides all aspects of their work. If evaluation is to lay claim to the mantle of a profession, then these conceptualizations of evaluation must lead to the conduct of defensible evaluations. The conceptualization of evaluation can never be a one-time activity nor can any conceptualization be static. Conceptualizations that guide evaluation work must keep pace with the growth of theory and practice in the field. Further, the design and conduct of any particular study involves a good deal of localized conceptualization.

THE POTTER'S WHEEL

This is About a pampered boy, Obuechina Maduabuchi.....Only brother of five older sisters and a younger one, prize pupil in school, apple of his doting mother's eye, eight years old and hopelessly spoilt.In a vain attempt to salvage his character, his father decides he must be sent away as houseboy to a teacher and his wicked wife.

THE LION AND THE JEWEL

PRACTICAL WORK IN SCIENCE EDUCATION

RECENT RESEARCH STUDIES

Boom Koninklijke Uitgevers This book contains 18 reviewed papers originally presented at the conference Practical Work in Science Education - the Face of Science in Schools, held at the Royal Danish School of Educational Studies in Copenhagen, in May 1998. Substantial literature about practical work has been published during the last decade. This book contains contributions by researchers from

England, France, Germany, Norway, Israel, Italy, Sweden and South Africa and adds important aspects to a varied and balanced view of practical work. Some of the papers are conceptual, addressing aims and rationales for practical work from a theoretical and critical perspective. Most papers, however, encounter recent empirical research. Important aspects about the outcome of students' practice of science both inside and outside the conventional laboratory are addressed and make a substantial contribution to our understanding of the effectiveness of practical work for conceptual learning and the attainment of skills and processes normally associated with science.

ENZYMES: CATALYSIS, KINETICS AND MECHANISMS

Springer This enzymology textbook for graduate and advanced undergraduate students covers the syllabi of most universities where this subject is regularly taught. It focuses on the synchrony between the two broad mechanistic facets of enzymology: the chemical and the kinetic, and also highlights the synergy between enzyme structure and mechanism. Designed for self-study, it explains how to plan enzyme experiments and subsequently analyze the data collected. The book is divided into five major sections: 1] Introduction to enzymes, 2] Practical aspects, 3] Kinetic Mechanisms, 4] Chemical Mechanisms, and 5] Enzymology Frontiers. Individual concepts are treated as stand-alone chapters; readers can explore any single concept with minimal cross-referencing to the rest of the book. Further, complex approaches requiring specialized techniques and involved experimentation (beyond the reach of an average laboratory) are covered in theory with suitable references to guide readers. The book provides students, researchers and academics in the broad area of biology with a sound theoretical and practical knowledge of enzymes. It also caters to those who do not have a practicing enzymologist to teach them the subject.

PURPLE HIBISCUS

HarperCollins UK The limits of fifteen-year-old Kambili's world are defined by the high walls of her family estate and the dictates of her fanatically religious father. Her life is regulated by schedules: prayer, sleep, study, prayer.

AP

A CRITICAL EXAMINATION OF THE ADVANCED PLACEMENT PROGRAM

Draws together the most recent and rigorous research on the strengths and weaknesses of the Advanced Placement program. Examines closely the differences between AP and other high school courses, as well as variations among AP courses. In-depth studies gauge the impact of AP coursework on student performance in college. Finally, researchers examine the use of AP information in college admissions. From publisher description.

TERMITES: EVOLUTION, SOCIALITY, SYMBIOSES, ECOLOGY

Springer The book is a new compendium in which leading termite scientists review the advances of the last 30 years in our understanding of phylogeny, fossil records, relationships with cockroaches, social evolution, nesting, behaviour, mutualisms with archaea, protists, bacteria and fungi, nutrition, energy metabolism, population and community ecology, soil conditioning, greenhouse gas production and pest status.

THE GOOD STUDY GUIDE

The Open University Developing your learning skills is one of the best investments you can make. We all need to be lifelong learners now. Whether you are an experienced student or just starting out this book will stimulate, guide and support you. It will make you think about yourself and how your mind learns. And it will change forever the way that you study. Topics include:- motivating yourself and managing your time- taking full advantage of your computer- reading with concentration and understanding- developing flexible note-taking strategies- getting the most from seminars and workshops- making presentations- researching online- handling numbers and charts with confidence- writing clear, well argued assignments- doing yourself justice in exams. For more information, go to www.goodstudyguide.co.uk

EXPLICIT BIOLOGY - A REVISION COURSE (3RD EDITION)

A REVISION TEXTBOOK FOR GCE, SSCE, JAMB - UTME, POST - UTME AND PRE-DEGREE.

CreateSpace The monograph "Explicit Biology: A Revision Course" for UTME, POST-UTME and other related examinations written by O.J. Olaoye is a complementary text to the various textbooks that have been written in the subject area. The book has five sections and twenty six chapters on all the biology topics. This book has become timely in view of the poor results that are being witnessed in the UTME examination especially in the sciences and mathematics, biology inclusive. These majorly are due to poor or inadequate access to good study materials. Each chapter has annotated topics followed by copious specimen questions on some past UTME and POST -UTME examination, for practice and emphasis. The topics in each chapter are adequately treated and with clarity. The illustrations are simple but effective. The author has done a lot of work and put in efforts to come out with a very readable and useful text. It is highly recommended to all the students aspiring to undertake the UTME and POST-UTME examination, in order to improve highly their chances of success. O.A. Sofola B.Sc, M.Sc, M.B.B.S (Lagos), Ph.D (Leeds), FAS (Nig.) Professor of physiology, College of Medicine, University of Lagos Former Vice Chancellor, OOU, Ago- Iwoye, Ogun State.

PUBLIC EXAMINATIONS EXAMINED

World Bank Publications High-stakes public examinations exert a dominant influence in most education systems. They affect both teacher and student behavior, especially at the middle and upper levels of secondary education. The content of past examinations tends to dictate what is taught and how it is taught and, more important, what is learned and how it is learned. By changing aspects of these examinations, especially their content and format, education systems can have a strong positive impact on teacher behavior and student learning, help raise student achievement levels, and better prepare students for tertiary-level education and for employment. Examination agencies, many of which have followed the same procedures over decades, can learn from the successes and failures of other systems. This book addresses current issues related to the development, administration, scoring, and usage of these high-stakes public examinations, identifying key issues and problems related to examinations in many emerging market economies as well as in advanced economies. The book's primary audience consists of public examination officials on national, regional, and state examination boards, but the book should also be of interest to senior education policy makers concerned with certification and learning achievement standards, to academics and researchers interested in educational assessment, to governmental and education agencies responsible for student selection, and to professionals at development organizations. "This extremely well-written and comprehensive book offers a timely review of the diversity of public examination practices worldwide; of the tensions between examinations and learning; and of the technical expertise involved in the creation of valid, reliable, and fair assessments. It reminds us that as "the diploma disease" takes hold with an ever-greater intensity at every stage of education worldwide, and the commercial business of testing flourishes, those concerned with educational quality and meaningful learning must be on guard to prevent the assessment tail wagging the educational dog." Angela W. Little, Professor Emerita, Institute of Education, University College London "This book is very well structured and written and draws on the authors' remarkable global knowledge across countries and histories. It will be a great asset both to administrators responsible for examinations and to academics and other professionals who seek to understand the nature and impact of examinations of different types and in different settings." Mark Bray, UNESCO Chair Professor of Comparative Education, University of Hong Kong; and former Director, UNESCO International Institute for Educational Planning "I am sure that Public Examinations Examined, which thoroughly analyzes the practice of public examinations in different countries and makes profound and well-grounded conclusions, will arouse very great interest and will serve to further improve public examinations." Victor Bolotov, Distinguished Professor, Higher School of Economics, National Research University, Moscow; member, Russian Academy of Education; and former Deputy Minister of Education, Russian Federation

FUNDAMENTALS OF GUIDANCE

THE NEURO-PSYCHOSES OF DEFENCE

Read Books Ltd This early work by Sigmund Freud was originally published in 1894 and we are now republishing it with a brand new introductory biography. 'The Neuro-Psychoses of Defence' is a psychological essay on defence hysteria and its causes. Sigmund Schlomo Freud was born on 6th May 1856, in the Moravian town of Příbor, now part of the Czech Republic. He studied a variety of subjects, including philosophy, physiology, and zoology, graduating with an MD in 1881. Freud made a huge and lasting contribution to the field of psychology with many of his methods still being used in modern psychoanalysis. He inspired much discussion on the wealth of theories he produced and the reactions to his works began a century of great psychological investigation.

THE GREEKS ON STAGE

Orion Greek myths are high priority in schools and Geraldine McCaughrean's brilliant idea of turning them into short plays for children to perform should be a winner. These twenty-five favourites include King Midas, Perseus and Andromeda, Orpheus and Eurydice, and Theseus and the Minotaur. They can be performed singly or several in one performance, for which a dramatic framework has been supplied. They are easy to stage, with casts that can be expanded or contracted, and there are notes and suggestions for simple props and costumes. Enhanced by Richard Brassey's line drawings, these plays are as much fun to read as they are to perform.

INNOVATIONS IN SCIENCE AND TECHNOLOGY EDUCATION

BIOLOGY (WJEC AS/A-LEVEL YEAR 1)

UNIT 1: BASIC BIOCHEMISTRY AND CELL ORGANISATION

Exam Board: WJEC, Eduqas Level: AS/A-level Subject: Biology First Teaching: September 2015 First Exam: June 2016 Reinforce students' understanding throughout their course with clear topic summaries and sample questions and answers to help your students target higher grades. Written by experienced teacher Dan Foulder, our Student Guides are divided into two key sections, content guidance and sample questions and answers. Content guidance will: - Develop students' understanding of key concepts and terminology; this guide covers basic biochemistry and cell organisation. - Consolidate students' knowledge with 'knowledge check questions' at the end of each topic and answers in the back of the book. Sample questions and answers will: - Build students' understanding of the different question types, so they can approach each question with confidence. - Enable students to target top grades with sample answers and commentary explaining exactly why marks have been awarded.

THE DIGESTIVE SYSTEM

BIOLOGY

The Digestive System Biology The digestive system is continually at work, yet people seldom appreciate the complex tasks it performs in a choreographed biologic symphony. Consider what happens when you eat an apple. Of course, you enjoy the apple's taste as you chew it, but in the hours that follow, unless something goes amiss and you get a stomachache, you don't notice that your digestive system is working. You may be taking a walk or studying or sleeping, having forgotten all about the apple, but your stomach and intestines are busy digesting it and absorbing its vitamins and other nutrients. By the time any waste material is excreted, the body has appropriated all it can use from the apple. In short, whether you pay attention or not, the organs of the digestive system perform their specific functions, allowing you to use the food you eat to keep you going. This book examines the structure and functions of these organs, and explores the mechanics and chemistry of the digestive processes. Chapter Outline: Overview of the Digestive System Digestive System Processes and Regulation The Mouth, Pharynx, and Esophagus The Stomach The Small and Large Intestines Accessory Organs in Digestion: The Liver, Pancreas, and Gallbladder Chemical Digestion and Absorption: A Closer Look The Open Courses Library introduces you to the best Open Source Courses.