

## Easy Biology Paper Topics

Botany: An Introduction to Plant Biology, Seventh Edition provides a modern and comprehensive overview of the fundamentals of botany while retaining the important focus of natural selection, analysis of botanical phenomena, and diversity.

Technology is taking us to a world where myriads of heavily networked devices interact with the physical world in multiple ways, and at many levels, from the global Internet down to micro and nanodevices. Many of these devices are highly mobile and autonomous and must adapt to the surrounding environment in a totally unsupervised way. A fundamental research challenge is the design of robust decentralized computing systems that are capable of operating in changing environments and with noisy input, and yet exhibit the desired behavior and response time, under constraints such as energy consumption, size, and processing power. These systems should be able to adapt and learn how to react to unforeseen scenarios as well as to display properties comparable to social entities. The observation of nature has brought us many great and unforeseen concepts. Biological systems are able to handle many of these challenges with an elegance and efficiency far beyond current human artifacts. Based on this observation, bio-inspired approaches have been proposed as a means of handling the complexity of such systems. The goal is to obtain methods to engineer technical systems, which are of a stability and efficiency comparable to those found in biological entities. This Special Issue on Biological and Biologically-inspired Communication contains the best papers from the Second International Conference on Bio-Inspired Models of Network, Information, and Computing Systems (BIONET-ICS 2007). The BIONETICS conference aims to bring together researchers and scientists from several disciplines in computer science and engineering where bio-inspired methods are investigated, as well as from bioinformatics, to deepen the information exchange and collaboration among the different communities.

This book takes a comprehensive look at first-year library instruction from examining why first-year students struggle with academic assignments to exploring instruction roles at different institutions. It offers step-by-step guidance for planning, teaching, and assessing first-year students in and beyond the library instruction classroom.

Accompanying CD-ROM covers topics in the same order as the text, with a quiz and flashcards for each chapter, as well as hundreds of animations, interactive sequences, and movies, and a link to the publisher's biology website.

This biology extension file includes teaching notes, guidance on coursework activities and equipment. It has at least one assignment for each topic in the textbooks - suitable for classwork and homework. A comprehensive range of practical activities are included. It contains extensive Key Skills and ICT materials. An exam file resource containing a complete

set of exam style questions, in a format that can be used throughout Years 10 and 11, or as a resource for a revision programme is included.

Oswaal ICSE Sample Question Papers Class 9 Biology (For March 2020 Exam)Oswaal Books

ÊIf my present reader happens to be a Boy Scout or a scout-master who wants the scouts to build a tower for exhibition purposes, he can do so by following the directions here given, but if there is real necessity for haste in the erection of this tower, of course we cannot build one as tall as we might where we have more time. With a small tower all the joints may be quickly lashed together with strong, heavy twine, rope, or even wire; and in the wilderness it will probably be necessary to bind the joints with pliable roots, or cordage made of bark or withes; but as this is not a book on woodcraft we will suppose that the reader has secured the proper material for fastening the joints of the frame of this signal-tower and he must now shoulder his axe and go to the woods in order to secure the necessary timber. First let him cut eight straight polesÑthat is, as straight as he can find them. These poles should be about four and one half inches in diameter at their base and sixteen and one half feet long. After all the branches are trimmed off the poles, cut four more sticks each nine feet long and two and a half or three inches in diameter at the base; when these are trimmed into shape one will need twenty six or seven more stout sticks each four and one half feet long for braces and for flooring for the platform.

Preparing for any Examination calls for a lot of discipline and perseverance on the part of a student. We at Oswaal Books have always strived to be a student's closest companion, his guiding light and his trusted friend by helping him sail through this important phase with utmost ease and confidence and emerge a winner!! In order to excel, a student not only has to be updated with the latest CISCE Board curriculum but also stay focused and use necessary exam tools to his advantage. CISCE has released an updated curriculum for Academic Year 2020-2020 on which Oswaal Books has based all its Exam Preparatory Material. Oswaal Books has always been proactive to follow the changes proposed by the Board and implement the same as soon as possible to put the students, parents and teachers at ease. The Oswaal ICSE Sample Question Papers have been developed as per the latest Board guidelines in order to support the students during the crucial exam preparatory phase. They provide the most formidable combination of Questions along with top notch Learning Tools to empower the students to conquer every examination they face. Each Sample Question Paper has been designed with a lot of care and precision. Our panel of experts have tried their best to arrange each Sample Question Paper in such a way that it gives the students an exact feel of the Final Examination. Special care has been taken to keep all the solutions simple and precise. 5 Sample Paper are solved in this book itself, while for the solutions of the other 5, you can visit [www.oswaalbooks.com](http://www.oswaalbooks.com) and download the solutions at any time. (Refer to the QR code). Some

of the key highlights of Oswaal Sample Papers are: • Ten Sample Question Papers covering important concepts from an examination perspective (1-5 solved and 6-10 for Self-Assessment) • All Typologies of Questions specified by CISCE included for examination success • On Tips Notes for crisp revision • 'Answering Tips' for clearer thinking • 'Mind Maps' for improved learning • Oswaal Grammar Charts to facilitate effective concept clarification (Only in English SQPs) We hope Oswaal Sample Papers empower each and every student to excel, now and always!! OSWAAL BOOKS = LEARNING MADE SIMPLE

PEOPLE HAVE BECOME SO BUSY WITH EVERYDAY ACTIVITIES THAT THEY SELDOM HAVE TIME TO THINK ABOUT EVERYTHING THAT SURROUNDS THEM. THE WORLD IS FULL OF LIFE, EVEN IN THE SEEMINGLY MOST INSIGNIFICANT THINGS. WOULDN'T IT BE WONDERFUL TO JUST SIT BACK AND TRY TO LEARN MORE ABOUT THE LIVING AND BREATHING SPECIES THAT SURROUND US BUT GO UNNOTICED EVERYDAY? Biology is the science of life, but while many of us may be familiar with the subject, only a few may be aware that biology encompasses much more than just humans and the other species that inhabit the earth. It is, perhaps, the most expansive and interesting subject that you could learn about. You may ask, if it is so expansive, then how would it be possible to learn all the important things there are to know about biology? The answer lies in this book, which would teach you all the most significant concepts to make you realize how biology has implications in our past, our present, and yes, even our future. This book is the only one you need to delve into the world of biology. It will teach you, in simple and easy-to-understand terms, how biology comes alive in our daily activities. Here's what this book contains: What exactly does the study of biology include How can biology help us understand our past Which branches of biology is relevant to our present What implications biology has on our future PLUS: Delve into the world of genetics Understand the how and why of human evolution Know the men and women who have spearheaded breakthroughs in biology You won't get information this comprehensive anywhere else! So act right now! GET YOUR COPY TODAY!

You don't have to be a scientist to find this beginner's biology book fascinating! What is life? Why do bees dance? How do animals know their mothers? Who discovered germs? Discover the living world, how it interacts with the environment, and stand in awe of the most interesting biology facts, theories, and discoveries. The Biology Book is written in simple English making complex biological ideas accessible to everyone! Whether you're a student or lay-scientist, you'll find these pages exciting and educational because it: - Combines creative typography, graphics, and accessible text to explore the most famous and important ideas in biology and the people behind them - Includes a directory section for easy localization - Profiles more than 95 ideas and events key to the development of biology and the life sciences, with thought-provoking graphics throughout that demystify the central concepts behind each idea - Features insightful and inspiring quotes from leading biologists and scientists, such as 2020 Nobel Laureates, Emmanuelle Charpentier and Jennifer Doudna, as well as thinkers in other fields Learn everything you wanted to know about Biology Over the last few centuries, humans have been enamored by the world around us. Trace the history of scientific thought and meet the scientists who shaped the natural sciences, such as Carl Linnaeus, Jean-Baptiste Lamarck, Charles Darwin, and Gregor Mendel. From the mechanics of plants, animals, and the human body; to DNA and genetic inheritance; and the development of vaccines, explore the crucial discoveries to understand how our world works. The Biology Book uncovers over 95 key ideas in the field of biology. Step by step flowcharts, diagrams, and accessible text will help demystify complex biological processes and help you enhance your understanding. This biology book also discusses current trends such as cloning, neuroscience, human evolution, and gene

editing. Whether you're new to the subject, a budding scientist, or keen to keep up with and understand current ethical and scientific debates, The Biology Book is for you. Other educational knowledge titles Love what you see here? Look out for other titles in the series such as The History Book, The Astronomy Book, and The Science Book. Specially written to help make tricky concepts simple, they're perfect for helping to mould and educate young minds.

The guide offers clearly defined learning objectives, summaries of key concepts, references to Life and to the student Web/CD-ROM, and review and exam-style self-test questions with answers and explanations.

Written by experienced examiner Mary Jones, this Student Guide for Biology: - Helps you identify what you need to know with a concise summary of the topics examined in the AS and A-level specifications - Consolidates understanding with tips and knowledge check questions - Provides opportunities to improve exam technique with sample answers to exam-style questions - Develops independent learning and research skills - Provides the content for generating individual revision notes

Help Your Child Get Top Marks In The Biology GCSE; The Biology GCSE Revision Notebook (Specially Designed to Make Revising Easier and More Effective; Can be Used for any Exam Board/Foundation/Higher Level) Getting the top grades for your GCSE exams depends on your ability to retain and learn off by heart the questions you will get and their best answers, however using an ordinary notebook or even flashcards to revise for your GCSE exams is not as effective as it could be because they don't cater to all the revision needs on one page. This Biology GCSE Revision Notebook has been specially designed to make learning and revising easier, for example, an Index is provided at the front of the book to make it easy to refer to the topic you wish to revise. The GCSE Biology Revision Notebook comes with a range of coloured spines so you can either use just one book for multiple topics, or you can use several books divided by colour; one for each main topic such as Cell Biology, whatever makes for a more effective learning experience. The Biology GCSE Revision Notebook Makes it Easy to Revise For Diagram Focused Questions Space at the top for large diagrams (cut out and stick from Past Papers or draw inside box) The Question-and-Answer Section underneath can be used for shorter answers and multiple-choice Q&A. For Longer, Multi-Line, Text Only Answers The Expanded Question-and-Answer Sections can be used for longer more complex Answers Test Your Knowledge. Page divided into Question-and-Answer halves, (easily cover the answer side to test your knowledge) Organise Your Revision. Index Pages for Topic and Page No. and Space on Each Page for Number Reference. Space at the Top of the Page to write down the Section and Topic. Space at the Bottom of the Page to Write or Cut Out and Stick the Mark Scheme Instructions and Your Notes for Each Question. The Notebook is High Quality with a Thick Cream Paper Interior. Make Your Revision Faster and More Efficient - Scroll up and Buy Today

"Bold and provocative... Regeneration tells of recent advances that may soon yield endless supplies of renewable energy, increased longevity and the return of long-extinct species."—New Scientist In Regeneration, Harvard biologist George Church and science writer Ed Regis explore the possibilities—and perils—of the emerging field of synthetic biology. Synthetic biology, in which living organisms are selectively altered by modifying substantial portions of their genomes, allows for the creation of entirely new species of organisms. These technologies—far from the out-of-control nightmare depicted in science fiction—have the power to improve human and animal health, increase our intelligence, enhance our memory, and even extend our life span. A breathtaking look at the potential of this world-changing technology, Regeneration is nothing less than a guide to the future of life.

This book offers complete coverage of the CSEC Biology syllabus. Concise, well-organised text with annotated study diagrams. Emphasis on genetics, diseases and the environment. Specimen questions in the style of the examination. Guidance on planning revision and work

presentation.

By 2050 the world's population is projected to grow by one-third, reaching between 9 and 10 billion. With globalization and expected growth in global affluence, a substantial increase in per capita meat, dairy, and fish consumption is also anticipated. The demand for calories from animal products will nearly double, highlighting the critical importance of the world's animal agriculture system. Meeting the nutritional needs of this population and its demand for animal products will require a significant investment of resources as well as policy changes that are supportive of agricultural production. Ensuring sustainable agricultural growth will be essential to addressing this global challenge to food security. Critical Role of Animal Science Research in Food Security and Sustainability identifies areas of research and development, technology, and resource needs for research in the field of animal agriculture, both nationally and internationally. This report assesses the global demand for products of animal origin in 2050 within the framework of ensuring global food security; evaluates how climate change and natural resource constraints may impact the ability to meet future global demand for animal products in sustainable production systems; and identifies factors that may impact the ability of the United States to meet demand for animal products, including the need for trained human capital, product safety and quality, and effective communication and adoption of new knowledge, information, and technologies. The agricultural sector worldwide faces numerous daunting challenges that will require innovations, new technologies, and new ways of approaching agriculture if the food, feed, and fiber needs of the global population are to be met. The recommendations of Critical Role of Animal Science Research in Food Security and Sustainability will inform a new roadmap for animal science research to meet the challenges of sustainable animal production in the 21st century.

- Chapter wise and Topic wise introduction to enable quick revision.
- Coverage of latest typologies of questions as per the Board latest Specimen papers
- Mind Maps to unlock the imagination and come up with new ideas.
- Concept videos to make learning simple.
- Latest Solved Paper
- Previous Years' Board Examination & Board Specimen Questions with detailed explanation to facilitate exam-oriented preparation.
- Commonly Made Errors & Answering Tips to aid in exam preparation.
- Dynamic QR code to keep the students updated for 2021 Exam paper or any further CISCE notifications/circulars.

Tough Test Questions? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines- Problem Solved.

The philosophy of biology should move to the center of the philosophy of science - a place it has not been accorded since the time of Mach. Physics was the paradigm of science, and its shadow falls across contemporary philosophy of biology as well, in a variety of contexts: reduction, organization and system, biochemical mechanism, and the models of law and explanation which

derive from the Duhem-Popper Hempel tradition. This volume, we think, offers ample evidence of how good contemporary work in the philosophical understanding of biology has become. Marjorie Grene and Everett Mendelsohn aptly combine a deep philosophical appreciation of conceptual issues in biology with an historical understanding of the radical changes in the science of biology since the 19th century. In this book, they present essays which probe such historical and methodological questions as reducibility, levels of organization, function and teleology, and the range of issues emerging from evolutionary theory and the species problem. In conjunction with Professor Grene's collection of essays on the philosophy of biology, *The Understanding of Nature* (Boston Studies in the Philosophy of Science, Vol. XXIII) and the occasional essays on these topics which we have published in other volumes (listed below), this volume contributes to bringing biology to the center of philosophical attention. Everett Mendelsohn, 'Explanation in Nineteenth Century Biology' (Boston Studies, Vol. II, 1965). David Hawkins, 'Taxonomy and Information', (Boston Studies, Vol. III, 1967).

This volume continues the custom of addressing developmental mechanisms in a variety of experimental systems by offering timely reviews and incisive analysis of key research in developmental biology. The conceptual sequence of topics begins with cell cycle regulation during development and differentiation, continues with the role of the epididymis and with sperm competition, gastrulation, and embryonic stem cells, and concludes with considerations of differentiation in muscle cells and neurons. This volume not only is valuable to researchers at the forefront of animal development, but also is a friendly introduction to students and professionals who want an introduction to cellular and molecular mechanisms of development.

From genetics to ecology — the easy way to score higher in biology Are you a student baffled by biology? You're not alone. With the help of *Biology Workbook For Dummies* you'll quickly and painlessly get a grip on complex biology concepts and unlock the mysteries of this fascinating and ever-evolving field of study. Whether used as a complement to *Biology For Dummies* or on its own, *Biology Workbook For Dummies* aids you in grasping the fundamental aspects of Biology. In plain English, it helps you understand the concepts you'll come across in your biology class, such as physiology, ecology, evolution, genetics, cell biology, and more. Throughout the book, you get plenty of practice exercises to reinforce learning and help you on your goal of scoring higher in biology. Grasp the fundamental concepts of biology Step-by-step answer sets clearly identify where you went wrong (or right) with a problem Hundreds of study questions and exercises give you the skills and confidence to ace your biology course If you're intimidated by biology, utilize the friendly, hands-on information and activities in *Biology Workbook For Dummies* to build your skills in and out of the science lab.

Well-labelled illustrations, diagrams, tables, figures and experiments have been given to support the text, wherever necessary. At the end of each chapter, Key Terms have been given. A variety of Review Questions, according to the latest examination pattern, has been provided for adequate practice.

Home is where the heart is... Seven years after leaving town and the only girl he loved, Cooper still couldn't forget about Sophia. He had two loves. Music and the woman of his dreams. Coming back home proved that would always be true. But things have

changed. Now he has to gain her trust again if he wants to make her all his. The question is, did he lose his chance the first time? Some things are hard to forget... Sophia tried to stop loving Cooper and failed miserably. Despite the way he'd abandoned her seven years earlier, she can't seem to stay away, even though trusting him doesn't prove easy. One careless night could change it all and the secret she carries may ruin any chance of them being together. They say life is all about taking chances. But when opportunities are lost and love comes knocking the second time around, lives are changed forever.

Get best selling author Maria Holmes' 30 favorite vegetarian slow cooker recipes! Vegetarian Slow Cooker Recipe Book: 30 Easy Set It & Forget It Meals is the first book written by Maria Holmes, a home cook with a passion for preparing simple and delicious meals for her family and friends. Over the past few months, Maria's family has been trying to convince her to share her love for, and knowledge of, cooking. After much persuasion, Maria decided to write her first cookbook. This brand new best selling vegetarian slow cooker recipe book is a compilation of 30 delicious, healthy and easy to prepare meat-free crockpot meals. Each of these recipes have been prepared by Ms. Holmes herself and tested on not only her family, but countless food connoisseurs who gave these meals two thumbs up for pleasant flavors, fragrant aromas, great textures and amazing colors. The book has a great introduction to vegetarian slow cooking and the recipes are divided into six chapters. In the introduction, readers will learn the benefits of slow cooking and the keys to preparing successful slow-cooker meals. You will also discover useful guidelines to help you adapt your favorite slow cooker recipes to meet your own individual tastes. Other useful advice includes how to choose the perfect slow cooker recipes and how to add the ingredients into the slow cooker to ensure that your recipes come out picture-perfect and delicious every time. The last part of the introduction includes clear, step-by-step instructions and helpful tips for cooking dried beans in a slow cooker. But Chapter 1 through Chapter 6 is where you will find all the delectably tasty and healthy vegetarian slow cooker recipes. Even if you are not a vegetarian, you will find that these delicious recipes can please everyone's palates. So, here is the list of those vegetarian slow cooker recipes that are waiting for you to enjoy: - Chapter 1: Soups - Chapter 2: Beans - Chapter 3: Chilies - Chapter 4: Potatoes - Chapter 5: Rices - Chapter 6: Desserts In conclusion, Vegetarian Slow Cooker Recipe Book: 30 Easy Set it & Forget It Meals by Maria Holmes is the ultimate choice for anyone who wishes to prepare easy set it and forget vegetarian slow cooker meals.

Renowned for its writing style and trendsetting art, **BIOLOGY: THE UNITY AND DIVERSITY OF LIFE** engages students with relevant applications and encourages critical thinking. The new edition offers a new Learning Roadmap in each chapter to help students gain a full understanding. Students are able to focus on key concepts, make connections to other concepts, and see where the material is leading. Helpful learning tools like the section-ending Take-Home Messages and the on-page running glossary ensure they grasp key points. Carefully balancing accessibility and the level of detail, the authors enable students to go beyond rote memorization and prepare them to make important decisions in life that require an understanding of biology and the process of science. Important Notice: Media content referenced

within the product description or the product text may not be available in the ebook version.

This book presents a multidisciplinary survey of biostatistics methods, each illustrated with hands-on examples. It introduces advanced methods in statistics, including how to choose and work with statistical packages. Specific topics of interest include microarray analysis, missing data techniques, power and sample size, statistical methods in genetics.

The book is an essential resource for researchers at every level of their career.

Many scientists and engineers consider themselves poor writers or find the writing process difficult. The good news is that you do not have to be a talented writer to produce a good scientific paper, but you do have to be a careful writer. In particular, writing for a peer-reviewed scientific or engineering journal requires learning and executing a specific formula for presenting scientific work. This book is all about teaching the style and conventions of writing for a peer-reviewed scientific journal. From structure to style, titles to tables, abstracts to author lists, this book gives practical advice about the process of writing a paper and getting it published.

This book provides a general introduction to applied analysis; vector analysis with physical motivation, calculus of variation, Fourier analysis, eigenfunction expansion, distribution, and so forth, including a catalogue of mathematical theories, such as basic analysis, topological spaces, complex function theory, real analysis, and abstract analysis. This book also uses fundamental ideas of applied mathematics to discuss recent developments in nonlinear science, such as mathematical modeling of reinforced random motion of particles, semiconductor device equation in applied physics, and chemotaxis in biology. Several tools in linear PDE theory, such as fundamental solutions, Perron's method, layer potentials, and iteration scheme, are described, as well as systematic descriptions on the recent study of the blowup of the solution./a

Presents a guide to writing a research paper, covering such topics as finding sources, taking research notes, creating an outline, writing the first draft, and completing the final version.

Renowned for its writing style and trendsetting art, DIVERSITY OF LIFE engages students with relevant applications and encourages critical thinking. The new edition offers a new Learning Roadmap in each chapter to help students gain a full understanding. Students are able to focus on key concepts, make connections to other concepts, and see where the material is leading. Helpful learning tools like the section-ending Take-Home Messages and the on-page running glossary ensure they grasp key points. Carefully balancing accessibility and the level of detail, the authors enable students to go beyond rote memorization and prepare them to make important decisions in life that require an understanding of biology and the process of science. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Recent international developments show that essential medications can be made affordable and accessible to developing countries, and that double standards need not prevail. This is the first book to examine these issues, drawing the bold conclusion that double standards in medical research are ethically unacceptable."--BOOK JACKET.

A comprehensive reference for incoming college students shares techniques for transitioning from high school to campus life, explains the importance of networking with teachers and faculty advisors, and provides guidelines for establishing positive learning habits. Original.

Become the writer you have always wanted to be! Pat is a writer, a writing coach and a publisher. As you read 'How to Write - Right!' you will see that is also a teacher - and so, your book and writing skill are waiting for you at the end of the book.

"Math and bio 2010 grew out of 'Meeting the Challenges: Education across the Biological, Mathematical and Computer Sciences,' a joint project of the Mathematical Association of America (MAA), the National Science Foundation Division of Undergraduate Education (NSF DUE), the National Institute of General Medical Sciences (NIGMS), the American Association for the Advancement of Science (AAAS), and the American Society for Microbiology (ASM)."--Foreword, p. vi

Principles of Cloning, Second Edition is the fully revised edition of the authoritative book on the science of cloning. The book presents the basic biological mechanisms of how cloning works and progresses to discuss current and potential applications in basic biology, agriculture, biotechnology, and medicine. Beginning with the history and theory behind cloning, the book goes on to examine methods of micromanipulation, nuclear transfer, genetic modification, and pregnancy and neonatal care of cloned animals. The cloning of various species—including mice, sheep, cattle, and non-mammals—is considered as well. The Editors have been involved in a number of breakthroughs using cloning technique, including the first demonstration that cloning works in differentiated cells done by the Recipient of the 2012 Nobel Prize for Physiology or Medicine – Dr John Gurdon; the cloning of the first mammal from a somatic cell – Drs Keith Campbell and Ian Wilmut; the demonstration that cloning can reset the biological clock - Drs Michael West and Robert Lanza; the demonstration that a terminally differentiated cell can give rise to a whole new individual – Dr Rudolf Jaenisch and the cloning of the first transgenic bovine from a differentiated cell – Dr Jose Cibelli. The majority of the contributing authors are the principal investigators on each of the animal species cloned to date and are expertly qualified to present the state-of-the-art information in their respective areas. First and most comprehensive book on animal cloning, 100% revised

Describes an in-depth analysis of current limitations of the technology and research areas to explore Offers cloning applications on basic biology, agriculture, biotechnology, and medicine

The Focus On Middle School Biology Student Textbook gives young students a strong foundation in the scientific

discipline of biology. Students will learn about taxonomy, cell structure and types of cells, photosynthesis, plant structure and life cycles, single-celled organisms and how they move and eat, the life cycle of the frog, the life cycle of the butterfly, and ecosystems. The Focus On Middle School Biology Student Textbook contains 10 full-color chapters. Grades 5-8.

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