

## Earth Portrait Of A Planet Fifth Edition

Earth: Portrait of a Planet 5th International Student Edition  
W.W. Norton & Company

The Student Lecture Art Notebook to accompany Earth: Portrait of a Planet is the perfect complement to the outstanding art program. This powerful learning tool contains all of the major diagrams from the text in full 4-color, with the ample room for taking notes.

Whether hiking along a mountain trail, driving down a highway, or making a decision about their energy usage, instructors want their students to see and assess the physical world they live in with more informed eyes. Through the most contemporary and applied text; the most vibrant visuals; and the most hands-on learning resources, Earth Science, Second Edition gets students leaving the class with a richer understanding of the science behind the physical world around them, and why it matters in their everyday lives.

CD-ROM contains: Animations -- Self-tests -- Crossword puzzles -- Feature articles.

A substantial revision of an already successful text, the Third Edition of Essentials of Geology combines an accurate and engaging narrative with exceptional visual and pedagogical elements. The optional, free

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package item includes the two-page guide from the text and a worksheet for each chapter's Google Earth™ Geotour.

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This new edition will only enhance its success. It has been thoroughly revised to ensure current coverage of all major topics, especially earthquakes (including the disaster in Haiti in 2010), volcanoes, and climate change. The drawn art represents the state of the art and is both pedagogically innovative and a feast for the eyes. The Google Earth exercises provide virtual field trips to the entire world.

Written for students of geology, this text incorporates advances in earth science such as plate tectonics, global warming, and the interconnectivity between the history of Earth and the history of life. It begins with a brief discussion of cosmology and the world's origin.

In this salutation from Earth, the chronicler gives a tour of the planet and introduces those who call it home.

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Experience Earth Science with fresh eyes!

Stephen Marshak's bestselling text and media make geology easy for students to understand.

Earth: Portrait of a Planet revolutionized the study of geology by integrating traditional geological concepts with the most recent theoretical advances in geology,

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including theories of plate tectonics and earth systems science. Adopted at over 300 schools worldwide, this innovative text has quickly become the best-selling introductory text in the field. Retaining the core strengths of the First and Second Editions, the Third Edition has been meticulously revised, adding engaging new material and learning tools. Additionally, the Third Edition features the most effective and current multimedia tools available for instructors and students.

Never HIGHLIGHT a Book Again Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 study guides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780872893795. This item is printed on demand.

Worksheets accompany each chapter's Geotour--23 in all--and can be assigned as homework assignments and lab activities.

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The Fifth Edition of this bestselling textbook features stunning art, the most up-to-date science, and a

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The Third Edition has been thoroughly updated to help make your geology lab more active and engaging. This edition features new "What Do You Think" mini-cases that promote critical thinking, new and vastly-improved topographic maps, and updated, detailed reference figures in every chapter. With low prices and package deals available with all Marshak texts, the Laboratory Manual for Introductory Geology, Third Edition, is truly the best choice for your lab.

Innovative and up-to-date—the number one Introduction to Geology textbook.

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Reproducing one of the most advanced satellite surveys of Earth in its entirety, *The Complete Earth* explores our planet, explaining the how and when of its mountain ranges, deserts, ice-sheets, volcanoes and oceans. From pole to pole. *The Complete Earth* presents one of the most advanced portraits of our planet ever created. Within these pages, data from NASA's most advanced Earth observing satellites has been combined to produce a cloud-free, digital atlas of the entire planet—a mappamundi for the Information Age. At a scale of 53 kilometres to every centimetre (93 miles to an inch), we can trace the Amazon from Andean headwaters to Atlantic mouth, explore the trackless sand seas of the Sahara, and follow the corrugated ridges of hills and mountains that mark the front-line of India's continental collision with Eurasia. We can track the ebb and flow of seasons across the globe, watching snows fall in the North as they melt in the South and desert lands

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bloom and fade as rains come and go. Combining NASA's digital portrait of the planet with high resolution satellite imagery that zooms in on noteworthy features-from volcanoes to asteroid craters, river deltas to glaciers-The Complete Earth creates an unprecedented view of our planet's face. Social and political boundaries are invisible and irrelevant, what we see instead is the landscape of the whole Earth - the mountains and deserts, seas and oceans that have shaped human history. Yet this configuration of rock and water represents a fleeting geological moment, having existed for no more than 4 million years-a mere 0.01 percent of the planet's lifetime. But look closer and a deeper past emerges. Earth's 4.5 billion year history can be reconstructed from the layered, twisted and folded rocks that adorn its surface. To understand how to read the planet's deep history, The Complete Earth descends far beneath the continents and oceans to reveal the tectonic plates they rest on. It explains how the ceaseless jostling of these plates has sculpted Earth's ever-changing face and tracks their movements over millennia to reconstruct global views of not only the planet's past, but also its future. Since 1960, there have been two major theoretical advances in the Earth sciences: the theory of plate tectonics and the advent of Earth systems science, Stephen Marshak's beautifully written and illustrated new text is the first to be informed by these two intellectual revolutions. This abridged version of the best-selling Earth: Portrait of a Planet covers all

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the topics of a traditional physical geology course, but it also includes such topics as historical geology, environmental geology, the Earth's resources, the oceans and atmosphere, cosmology, and global change.

In this portrait of Planet Earth-at just about the mid point of its probable lifespan-biologist Stanley A. Rice discusses the evolution of the network of life and the crucial role played by humans in determining the future of our world.Unlike most books on earth history, which present the story of life on our planet in terms of one chronological period after another, Rice discusses Earth's teeming diversity in terms of pivotal evolutionary developments. Among these he stresses the importance of symbiosis, sex, and altruism as key determinants of the Earth's biodiversity.Symbiosis-when single cells began working together-sparked the sudden appearance of complex animals. Much later symbiotic relationships led to flowering plants that depended on animals for pollination and seed dispersal.With the advent of sexual selection, there developed an astonishing world of complex behavior and a dizzying array of life forms. In humans, sexual selection exerted a great influence on the development of our large brains.Altruism-when species learned to work together-resulted in even greater variety and complexity. In early humans, altruism gave rise to ever-widening social circles and the spread of culture.Rice also discusses the role of photosynthesis in establishing and maintaining life on earth; the evidence for ancient natural catastrophes, which caused widespread extinctions; and the importance of religion and the recent use of scientific reasoning in the development and the future of the human species.Rice's eloquent, panoramic perspective is well designed to foster an appreciation for the scope of life on Earth and to encourage wise stewardship of the natural world on which our survival depends.Stanley A. Rice, PhD (Durant, OK) is the author of Green Planet: How

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Plants Keep the Earth Alive, The Encyclopedia of Evolution, The Encyclopedia of Science and Technology, and (forthcoming) The Encyclopedia of Biodiversity. He is a professor in the Department of Biological Sciences at Southeastern Oklahoma State University.

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