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Adult CCRN Exam Premium: For the Latest Exam Blueprint, Includes 3 Practice Tests, Comprehensive Review, and Online Study Prep Bushra Arshad

Without question, this book will be of great value to the profession of science teaching. Given today's educational landscape of standards and high-stakes testing, curriculum topic study is an essential piece of the puzzle - Cary Sneider, Vice President for Educator Programs, Museum of Science, Boston  
Discover the "missing link" between science standards, teacher practice, and improved student achievement! Becoming an accomplished science teacher not only requires a thorough understanding of science content, but also a familiarity with science standards and research on student learning. However, a comprehensive strategy for translating standards and research into instructional practice has been lacking since the advent of standards-based education reform. *Science Curriculum Topic Study* provides a systematic professional development strategy that links science standards and research to curriculum, instruction, and assessment. Developed by author Page Keeley of the Maine Mathematics and Science Alliance, the Curriculum

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Topic Study (CTS) process can help teachers align curriculum, instruction, and assessment with specific, research-based ideas and skills. The CTS process will help teachers: - Improve their understanding of science content - Clarify a hierarchy of content and skills in a learning goal from state or local standards - Define formative and summative assessment goals and strategies - Learn to recognize and address learning difficulties - Increase opportunities for students of all backgrounds to achieve science literacy - Design or utilize instructional materials effectively

Containing 147 separate curriculum topic study guides arranged in eleven categories that represent the major domains of science, this book provides the tools to both positively impact student learning and develop the knowledge and skills that distinguish expert science teachers from novices.

Environmental Science John Wiley & Sons

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*Conservation Biology in Sub-Saharan Africa* comprehensively explores the challenges and potential solutions to key conservation issues in Sub-Saharan Africa. Easy to read, this lucid and accessible textbook includes fifteen chapters that cover a full range of conservation topics, including threats to biodiversity, environmental laws, and protected areas management, as well as related topics such as sustainability, poverty, and human-wildlife conflict. This rich resource also includes a background discussion of what conservation biology is, a wide range of theoretical approaches to the subject, and concrete examples of conservation practice in specific African contexts. Strategies are outlined to protect biodiversity whilst promoting economic development in the region. Boxes covering specific themes written by scientists who live and work throughout the region are included in each chapter, together with recommended readings and suggested discussion topics. Each chapter also includes an extensive bibliography. *Conservation Biology in Sub-Saharan Africa* provides the most up-to-date study in the field. It is an essential resource, available on-line without charge, for undergraduate and graduate students, as well as a handy guide for professionals working to stop the rapid loss of biodiversity in Sub-Saharan Africa and elsewhere.

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The perfect companion volume to *Our Global Environment: A Health Perspective*, Eighth Edition, this Study Guide is designed with the student in mind! The exercises are presented in a variety of formats, including true/false, matching, short answer, discussion, and essay, providing students with the tools they need to review the material and reinforce their understanding of the topics in each chapter. The convenient format and perforated pages give instructors multiple options: exercises can be assigned and collected as homework, incorporated into classroom discussions and activities, or used by students to prepare for exams. In addition, the Study Guide contains specific activities that send students into their communities to seek information on local environmental concerns, giving them a real sense of how such issues directly impact their own lives. Moreover, these activities encourage and prepare students to become informed participants in the public decision-making processes that will profoundly influence environmental quality and health in the years to come.

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