

A Story of Two Substances

Why Study Chemistry?

Everything in the universe is made from building blocks formed in
Scientists call these building blocks and the "stuff" made from these building blocks

Define matter

Define chemistry

What do you think your teacher the question "Why is Chemistry important to me?"

The Ozone Layer

Scientists is worried by

Increased levels of ultraviolet radiation called UVB can cause

Scientists believe that when UVB levels reach a certain point many organisms will

Living organisms are produced from high levels of UVB by

Define ozone

Define ultraviolet

About 10% of Earth's ozone is spread out in a layer that surrounds and
protects organisms

The troposphere is the lowest layer of Earth's atmosphere and

All earth's weather occurs in the troposphere

The stratosphere is the layer above the troposphere

The Stratosphere extends from about 10 km above Earth's surface

Glencoe Science Chemistry Section 2 1answer

M Woodhall



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Astronomy Alton Biggs, 2002 **Glencoe Earth Science** Ralph M. Feather, 1999 Earth science is the study of Earth and space It is the study of such things as the transfer of energy in Earth's atmosphere the evolution of landforms patterns of change that cause weather the scale and structure of stars and the interactions that occur among the water atmosphere and land Earth science in this book is divided into four specific areas of study geology meteorology astronomy and oceanography p 8 9 **Glencoe Science**, 2002 **Encyclopedia of Supramolecular Chemistry** J. L. Atwood, Jonathan W. Steed, 2004 Covers the fundamentals of supramolecular chemistry supramolecular advancements and methods in the areas of chemistry biochemistry biology environmental and materials science and engineering physics computer science and applied mathematics *Resources for Teaching Middle School Science* Smithsonian Institution, National Academy of Engineering, National Science Resources Center of the National Academy of Sciences, Institute of Medicine, 1998-04-30 With age appropriate inquiry centered curriculum materials and sound teaching practices middle school science can capture the interest and energy of adolescent students and expand their understanding of the world around them Resources for Teaching Middle School Science developed by the National Science Resources Center NSRC is a valuable tool for identifying and selecting effective science curriculum materials that will engage students in grades 6 through 8 The volume describes more than 400 curriculum titles that are aligned with the National Science Education Standards This completely new guide follows on the success of Resources for Teaching Elementary School Science the first in the NSRC series of annotated guides to hands on inquiry centered curriculum materials and other resources for science teachers The curriculum materials in the new guide are grouped in five chapters by scientific area Physical Science Life Science Environmental Science Earth and Space Science and Multidisciplinary and Applied Science They are also grouped by type core materials supplementary units and science activity books Each annotation of curriculum material includes a recommended grade level a description of the activities involved and of what students can be expected to learn a list of accompanying materials a reading level and ordering information The curriculum materials included in this book were selected by panels of teachers and scientists using evaluation criteria developed for the guide The criteria reflect and incorporate goals and principles of the National Science Education Standards The annotations designate the specific content standards on which these curriculum pieces focus In addition to the curriculum chapters the guide contains six chapters of diverse resources that are directly relevant to middle school science Among these is a chapter on educational software and multimedia programs chapters on books about science and teaching directories and guides to science trade books and periodicals for teachers and students Another section features institutional resources One chapter lists about 600 science centers museums and zoos where teachers can take middle school students for interactive science experiences Another chapter describes nearly 140 professional associations and U S government agencies that offer resources and assistance Authoritative extensive and thoroughly indexed and the

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