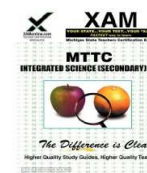
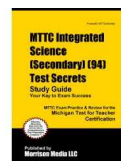


MTTC: Integrated Science (Secondary) teacher certification exam; by Sharon Wynne. XAMonline, 2007.

This guide, aligned specifically to standards prescribed by the Michigan Department of Education, covers the sub-areas of Constructing New Scientific Knowledge; Reflecting on Scientific Knowledge; Using Knowledge of Life Science; Using Knowledge of Physical Science; Using Knowledge of Earth and Space Science.



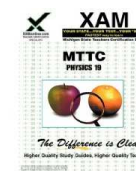
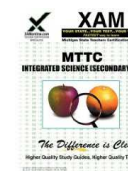
MTTC: Physics sample test. XAM, 2005.

Includes 22 competencies/skills found on the MTTC: Physics Test and 80 sample-test questions. Covers the sub-areas of Foundations of Scientific Inquiry; Mechanics; Electricity and Magnetism; Waves, Acoustics, and Optics; and Nature of Matter, Thermodynamics, and Modern Physics.

MTTC Secrets: Your key to science success. XAM, 2005.

Written by exam experts who painstakingly researched every topic and concept that you need to know to ace your test. Original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined.

REVIEWING FOR THE MTTC TESTS IN THE SCIENCES



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2008

A Selected Bibliography

The following study guides are available for check-out in the Curriculum Lab,
Room 267 FCS

Earth Science the easy way; by Alan D. Sills. Barron's, 2003.

This volume introduces the concept of Earth System Science and explains how the new emphasis on the Earth System approach is revolutionizing our understanding of global-scale Earth processes and changes. Separate chapters cover the Earth's major systems – atmosphere, hydrosphere, cryosphere, geosphere, and biosphere.

How to prepare for the AP biology advanced placement examination; by Deborah T. Goldberg. Barron's, 2004.

Provides several full-length practice examinations with all questions answered. An extensive subject review surveys principles of biochemistry, then focuses on cells, photosynthesis, cell division, heredity, molecular genetics, evolution, plants, animals, and ecology. Each section is followed up with multiple choice and essay questions.

How to prepare for the AP chemistry advanced placement examination; 3d ed by Neil Jespersen. Barron's, 2003.

This manual presents two diagnostic tests and three full length practice exams, all with questions answered and explained. Also included is a complete compact review of chemistry topics covering the structure of matter, chemical bonding, states of matter, physical chemistry, chemical reactions, and other topics that appear on the AP exam.

How to prepare for the AP environmental science advanced placement examination; by Gary S. Thorpe. Barron's, 2002.

Reviews all important environmental science concepts and problems, including: the flow of energy, its sources, and conversions; the cycling of matter; geology and earth dynamics; the atmosphere, weather, and climate; the biosphere, human history and global distribution; the earth's renewable and nonrenewable resources; measuring environmental quality; global changes; and environmental laws, ethics, and issues.

How to prepare for the advanced placement examination Physics B; 3d ed by Jonathan S. Wolf. Barron's, 2003.

Extensive review material covers all Physics B topics: vectors, Newton's laws of motion, work and energy, impacts and linear momentum, torque and angular momentum, oscillatory motion, gravitation, temperature and heat, thermodynamics, electrostatics, electric circuits, magnetism, electromagnetic induction, waves and sound, light, geometrical optics, quantum theory, the atom, the nucleus, and special relativity,

MTTC: Biology 17 teacher certification exam; by Sharon Wynne. XAMonline, 2007.

Includes 27 competencies/ skills found on the MTTC Biology test. Covers the sub-areas of Foundations of Scientific Inquiry, Cellular Function, Heredity and Evolutionary Changes, Organization of Living Things, and Ecological Systems.

MTTC: Biology High School; by Jolie Carnevale and Lynn Slygh. XAMonline, 2005.

This study guide targets teacher competencies and skills for high school biology including a 125 question multiple choice sample test.

MTTC: Earth Science; by Kelly Benson. XAM, 2005.

Includes competencies/ skills found on the MTTC Earth Science test and 114 sample-test questions.

MTTC: General Science. XAM, 2005.

A complete competencies and skills in depth review of all the material to be tested.

MTTC: Integrated Science (Elementary) Test Secrets study guide; XAM,

Written by exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined.