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SCIENCE LINKS 10

Teacher's Resource

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Welcome to *Science Links 10*!

These teacher and student resources are designed to provide 100% alignment with The Ontario Curriculum, Grade 10: Science (2008) (SNC2P). The resources have been created to address the knowledge, skills, and attitudes needed to help your students develop scientific literacy and empower them to critically examine issues and questions from technological, societal, and environmental perspectives. *Science Links 10* has been developed to help your students achieve the three central goals of Ontario's science program, as stated in The Ontario Curriculum:

1. to relate science to technology, society, and the environment
2. to develop the skills, strategies, and habits of mind required for scientific literacy
3. to understand the basic concepts of science

Through varied text features and diverse instructional approaches, *Science Links 10* enables your students to develop their scientific literacy as they learn basic concepts relating to tissues, organs, and body systems; chemical reactions and their practical applications; Earth's dynamic climate; and light and applications of optics. Students will also develop skills in the process of scientific inquiry and the analysis of issues.

As you foster the development of scientific literacy, the understanding of scientific concepts, and the skills of scientific inquiry in your classroom, you must meet many additional goals. These goals include:

- creating a safe laboratory environment
- implementing the principles of constructivism in the science classroom
- implementing differentiated instruction and recognizing multiple intelligences
- being aware of, and sensitive to, social considerations.

The *Science Links 10* textbook has been developed with these goals, as well as the curriculum, in mind. The following pages of this Teacher's Resource will provide some suggestions for using the features that will help you meet them.

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