

Enhanced Scope and Sequence Sample Lesson Plans

For the 2010
Science Standards of Learning



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Introduction

The *Science Enhanced Scope and Sequence Sample Lesson Plans* is a resource intended to help teachers align their classroom instruction with the 2010 *Science Standards of Learning* (SOL). The Enhanced Scope and Sequence is organized by the strands established in the Science Standards of Learning, and it includes the content of the Standards of Learning and the essential understandings, knowledge, and skills found in the 2010 *Science Standards of Learning Curriculum Framework*.

The development of the *Science Enhanced Scope and Sequence Sample Lesson Plans* was a joint effort between the Office of Science and Health Education, the Office of Special Education and Instructional Services, and the Office of Program Administration and Accountability. Science writers and editors were teamed with special educators and teachers of English Language Learners (ELL) to provide strategies for differentiation that will assist in meeting the learning needs of all students.

The *Science Enhanced Scope and Sequence Sample Lesson Plans* are accessible by strand for grades K-6 and by topic for Life Science, Physical Science, Earth Science, Biology and Chemistry. Every strand and topic features a drop-down menu with the title of each lesson.

School divisions and teachers can use the *Science Enhanced Scope and Sequence Sample Lesson Plans* as a resource for developing sound curricular and instructional programs. These materials are intended as examples of ways the understandings, knowledge, and skills might be presented to students in sample lessons that have been aligned with the 2010 *Science Standards of Learning*. Teachers who use the Enhanced Scope and Sequence should correlate available instructional resources with the essential understandings, knowledge, and skills and determine an appropriate pace of instruction. This resource is not a complete curriculum and is neither required nor prescriptive, but it can be a valuable instructional tool. The Enhanced Scope and Sequence also includes strategies for differentiation to meet the needs of all students.