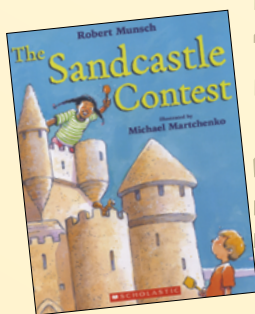


Student Magazine

The Student Magazine will support students' exploration of soils. The bright, colourful photographs, detailed illustrations, and different text features will engage students and give them multiple opportunities to explore a variety of concepts. A digital version of the magazine is available on the Teacher's Website to be used with an Interactive Whiteboard.

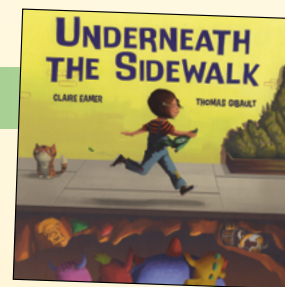




Science Read Alouds

Two Read Aloud texts allow you to introduce and engage students with science concepts. *The Sandcastle Contest* by Robert Munsch and Michael Martchenko is an amusing story that explores the concept of how soil changes when it gets wet.

Underneath the Sidewalk by Claire Eamer and Thomas Gibault uses a delightful rhyming pattern and encourages students to imagine the “beasts” which live underground. This is a wonderful introduction to the various living and non-living things that can be found in soil.



Anchor Video



The Anchor Video: *Exploring Soils*, found on the Teacher’s Website, introduces students to essential questions about concepts including the similarities and differences between different types of soil, and how soil affects and is affected by living things. The video gives a number of examples to activate students’ thinking and to promote questions

Poster

The *What Is the Inquiry Process?* poster will support students as they follow the steps for guided and open inquiries throughout the unit and learn to question, observe, and explore.



Interactive Whiteboard Activities

There are 9 interactive activities for the Interactive Whiteboard (IWB) found on the Teacher’s Website. These activities provide students with a variety of hands-on learning experiences and the opportunity to apply learning in a supported environment. The IWB Activities are tied to the teaching plans to ensure that the learning is done in context.



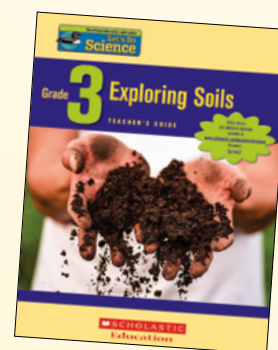


Science Library

The Science Library provides a collection of colourful and engaging non-fiction and fiction texts at a variety of reading levels. These texts support students as they explore various science concepts and skills. See the *Science Library Guide* in the Teacher's Guide Binder or online for brief summaries, science connections, and suggested reading approaches (e.g., Independent Reading and Read Aloud).

Teacher's Guide

This guide provides detailed suggestions for using all of the program components including the Student Magazine, Anchor Video, reproducible Blackline Masters (BLMs), and IWB Activities with your students. Visual cues such as book covers, thumbnail images, and icons highlight the use of each program component along with tools such as Science Folders and Journals, the Word Wall, and the I Wonder Wall. Strategies and tools you need to assess students' learning, such as rubrics and checklists, are also included.



Embedded within the teaching plans are connections to Guided and Shared texts from *Literacy Place for the Early Years*, Grade 3 that relate to the concepts in *Exploring Soils*.

Teacher's Website



In addition to the Student Magazine, Anchor Video, and IWB Activities mentioned above, the Teacher's Website provides a digital copy of the Teacher's Guide for this unit along with access to an image bank containing the variety of photographic images found in the Student Magazine and IWB Activities. These images may be used by teachers to create new IWB Activities or for students to incorporate into presentations. Find the Teacher's Website at

scholastic.ca/education/nlscience

Password: Sci1nL2