

ABSTRACT

MINING IN OUR WORLD

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Have you ever wondered where a cell phone or bicycle originally came from? "Mining in your World" provides a fun and easy way to understand how the things we use in our daily lives come from the earth.

The student will learn the basics of elements and compounds and how they are related to minerals and rocks. Elements are all around us and in the things that we use in our daily activities including fluorine in our toothpaste, zinc in our suntan cream and copper in our mobile devices.

Combinations of the elements from the periodic table make up compounds or minerals that form part of bikes, televisions and cars. Certain mixtures of minerals form rocks like slate and granite.

A variety of environmentally responsible mining methods are used to extract and process the elements from the rock and eventually turn them into components for cell phones and automobiles.

"Mining in our World" shows how environmentally responsible mining methods are used to extract and process the elements from rock and eventually turn them into components for cell phones and automobiles