

GETTING STARTED

AN INTRODUCTION TO ROCK STARS AND MINERAL SUPERHEROS

Science Alberta Foundation is pleased to make *Rock Stars and Mineral Superheros*, one of our Science-In-A-Crate programs, available in your community!

Rocks Stars and Mineral Superheros is a science program that encourages participants to develop an understanding of the materials that make up our planet earth. This program provides an introduction to the world of rocks and minerals through hands-on identification testing and classification activities. By using observation skills and the senses, participants will realize that the materials that make up the earth's surface have set characteristics that help us organize them into identifiable groups.

The Rocks and Minerals crate was designed to meet the grade three science curriculum. This activity guide will provide the background information necessary for teaching about rocks and minerals at the Division I level as well as detailed instructions and answers for each activity. The activity topics are as follows:

Activity 1:	Colour or Crumble	Mineral Identification (Colour)
Activity 2:	Stronger than a Rock	Mineral Identification (Hardness)
Activity 3:	Crystal Craze	Mineral Identification (Crystal shape)
Activity 4:	Lustre Lingo	Mineral Identification (Lustre)
Activity 5:	Bag o' Rocks	Rock Classification
Activity 6:	Laying it Down	Rock Formation
Activity 7:	Slip Sliding Away	Erosion
Activity 8:	Where Did I Put that Rock?	Utilization of Rocks and Minerals
Activity 9:	When I Grow Up...I Want to be a Rock!	Rock Classification & Composition
Activity 10:	Rock Recipe	Rock Composition