

CURRICULUM

CURRICULUM CONNECTIONS

This section is for educators who want more specific information regarding the grade 7 curriculum (Unit E: Planet Earth) for each activity in the Geologist's Boot Camp crate.

Grade 7: Table of Knowledge Outcomes

Activity	Unit	STS - Knowledge Outcomes
How Accurately Can You Sort?	Planet Earth	<p>Explain the need for common terminology and conventions in describing rocks and minerals</p> <p>Distinguish between rocks and minerals</p>
Can You Identify the Six Crystal Systems?	Planet Earth	<p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p>
Can You Identify Different Minerals?	Planet Earth	<p>Use common terms in describing lustre, transparency, streak and colour</p> <p>Apply the Moh's scale in describing mineral hardness</p> <p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Identify and explain different tools and techniques used in the study of Earth</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p> <p>Apply suitable terms and conventions in describing sample materials</p>
What Properties do Rocks and Minerals Share?	Planet Earth	<p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Identify and explain different tools and techniques used in the study of Earth</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p> <p>Apply suitable terms and conventions in describing sample materials</p> <p>Use common terms in describing cleavage and fracture</p>

Grade 7: Table of Knowledge Outcomes

Activity	Unit	STS - Knowledge Outcomes
Can You Identify Different Rocks?	Planet Earth	<p>Distinguish between rocks and minerals</p> <p>Describe characteristics of the three main classes of rocks</p> <p>Describe evidence of the formation of rocks</p> <p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Identify and explain different tools and techniques used in the study of Earth</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p> <p>Apply suitable terms and conventions in describing sample materials</p>
Which Minerals Have Special Properties?	Planet Earth	<p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Identify and explain different tools and techniques used in the study of Earth</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p> <p>Apply suitable terms and conventions in describing sample materials</p> <p>Use common terms in describing minerals</p>
What is the Rock Cycle?	Planet Earth	<p>Distinguish between rocks and minerals</p> <p>Describe characteristics of the three main classes of rocks</p> <p>Describe evidence of the formation of rocks</p> <p>Demonstrate methods used in the scientific study of Earth</p> <p>Demonstrate methods used in observing and interpreting the Earth's component materials</p> <p>Identify and explain different tools and techniques used in the study of Earth</p> <p>Explain the need for common terminology and conventions in describing rocks and minerals</p>