

Topic 11 Summary

Earth Materials – Minerals, Rocks, Mineral Resources

Vocabulary

Bioclastic sedimentary rocks	Fracture	Mineral crystal
Chemical sedimentary rocks	Hardness	Mineral resources
Clastic sedimentary rocks	Igneous rock	Organic
Cleavage	Inorganic	Precipitation
Contact metamorphism	Intrusive igneous rock	Regional metamorphism
Crystal shape	Luster	Rock cycle
Crystal structure	Magma	Sedimentary rocks
Extrusive igneous rock	Metamorphic rocks	Streak
Foliation	Metamorphism	Texture
Fossil	Mineral	

Minerals

What a Mineral Is

Relation of Minerals to Rocks

Element Composition of Earth's Crust

Mineral Crystal Structure

Mineral Formation

Mineral Properties and Identification

Color

Streak

Luster

Hardness

Density

Cleavage

Crystal Structure

Other properties

Rocks

Rock Types

Sedimentary Rocks

Formation of Sedimentary Rocks

Characteristics of Sedimentary Rocks

Identifying Sedimentary Rocks

Igneous Rocks

Formation of Igneous Rocks

Crystal Sizes and Glasses

Textures of Igneous Rocks

Identifying Igneous Rocks

Metamorphic Rocks

Formation of Metamorphic Rocks

Contact Metamorphism

Regional Metamorphism

Textures of Metamorphic Rocks

Identifying Metamorphic Rocks

Environment of Rock Formation

The Rock Cycle

Rocks Change Types

No Preferred Direction of Movement

No Exact Point of Separation

Driving Forces

Mineral Resources

Mineral Resources are Nonrenewable

Rock Properties and Humans

Rock Properties and Land Usage

Rock Properties and Llamas

Mineral Properties and Humans

Global Distribution of Mineral Deposits

Fossil Fuels