

# GEOLOGY FACTCARDS

Learn About Rocks & Gemstones





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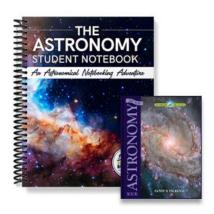
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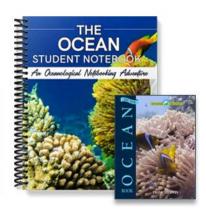
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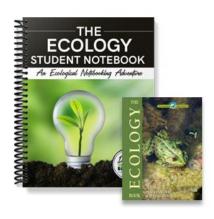
### **Master Books Notebook Companion™ Series**

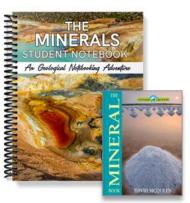
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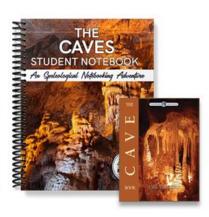


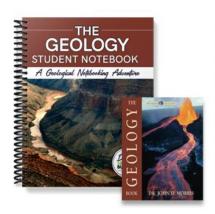


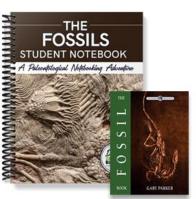


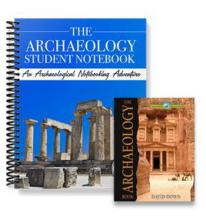






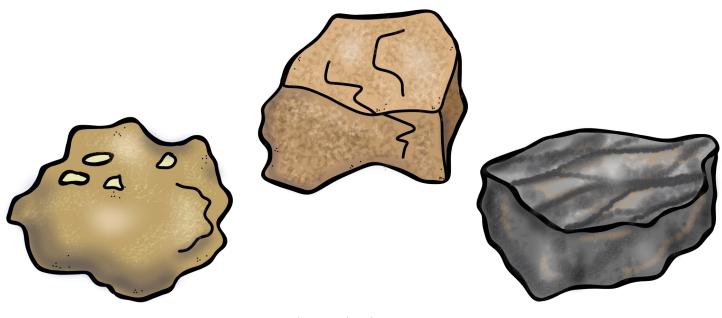






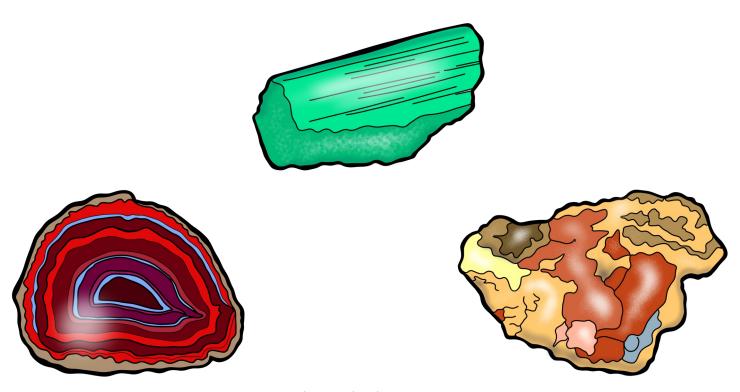
## Igneous, Sedimentary, and Metamorphic Rocks

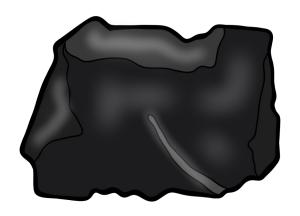
Name	Туре	Color	Uses
Basalt	Igneous	black, dark brown	floor tiles, paving stones, building stones, whetstones
Diorite	Igneous	black, white	floor tiles, countertops, paving stones
Dolomite	Sedimentary	white, gray, pink, light brown	manufacturing iron and steel; used in paint, putty, rubber
Felsite	Igneous	white, light gray, red, tan	flooring, paving stones, some jewelry
Granite	Igneous	white, pink, gray	countertops, floor tiles, bench tops, building stone, paving stone
Limestone	Sedimentary	gray	building material, cement, refining metals, improving soil
Marble	Metamorphic	white, red, brown, green, black	building material, monuments
Quartzite	Metamorphic	white in pure form	countertops, floor tiles, beads, decorations
Sandstone	Sedimentary	cream, gray, red, brown, green	countertops, decorations, buildings, manufacturing
Schist	Metamorphic	varies widely	not stable enough for many practical uses
Serpentine	Metamorphic	gray, white, green, yellow, green-blue	roofing materials, siding, shingles
Shale	Sedimentary	red, purple, blue, green, black, light gray, yellow	strong clay, cement



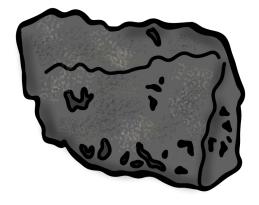
## Gemstones and Minerals

Name	Locations Where It Can Be Found	Color	Uses
Agate	Brazil and Uruguay	white, gray, black	jewelry, mortars and pestles
Amethyst	Brazil, Uruguay, Sri Lanka, Siberia, India, Madagascar, Mexico, Canada	purple or blue-violet	jewelry
Carnelian	India, South America, Japan	orange or reddish-brown	jewelry
Diamond	Australia, Canada, Russia, parts of Africa	wide variety including colorless	jewelry and many types of industry
Kyanite	Australia, East Africa, India, United States	pale blue	line special manufacturing ovens
Rhodochrosite	Romania, United States	rose-red, pink, pale brown	producing steel
Tourmaline	Brazil, United States, Madagascar	pink, blue, green, yellow, brown, black	jewelry, industrial uses
Turquoise	Iran, Tibet	sky-blue, blue-green, yellow-green	jewelry





**Basalt** 



**Diorite** 

Type: igneous

Colors: black, dark brown

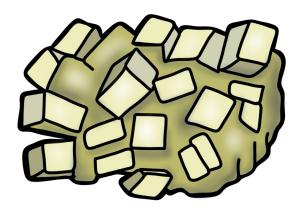
Uses: floor tiles, paving stones, building

stones, whetstones

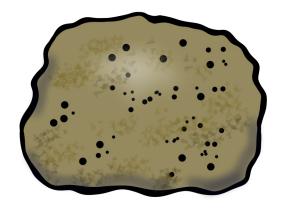
Type: igneous

Colors: black, white

Uses: floor tiles, countertops, paving stones



**Dolomite** 



**Felsite** 

Type: sedimentary

Colors: white, gray, pink, light brown

Uses: manufacturing iron and steel; used in

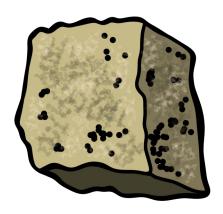
paint, putty, rubber

Type: igneous

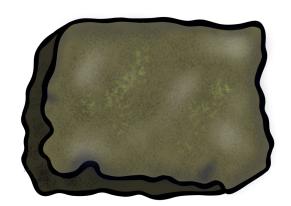
Colors: white, light gray, red, tan

Uses: flooring, paving stones, some

jewelry



Granite



Limestone

Type: igneous

Colors: white, pink, gray

Uses: countertops, floor tiles, bench tops,

building stone, paving stone

**Type: sedimentary** 

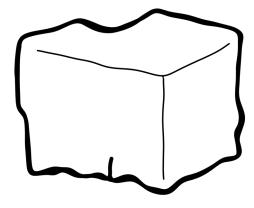
Colors: gray

Uses: building material, cement, refining

metals, improving soil



Marble



Quartzite

Type: metamorphic

Colors: white, red, brown, green, black

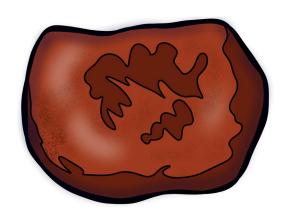
Uses: building material, monuments

Type: metamorphic

Colors: white in pure form

Uses: countertops, floor tiles, beads,

decorations



Sandstone



**Schist** 

Type: sedimentary

Colors: cream, gray, red, brown, green

Uses: countertops, decorations, buildings,

and in manufacturing

Type: metamorphic

**Colors: varies widely** 

Uses: not stable enough for many practical

uses



Serpentine



Shale

Type: metamorphic

Colors: gray, white, green, yellow, green-blue

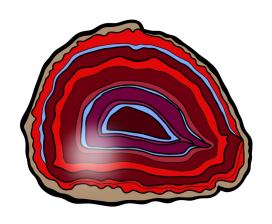
Uses: roofing materials, siding, shingles

**Type: sedimentary** 

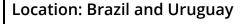
Colors: red, purple, blue, green, black, light

gray, yellow

Uses: strong clay, cement



**Agate** 



Colors: white, gray, black

Uses: jewelry, mortars and pestles



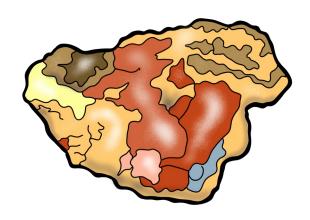
**Amethyst** 

Location: Brazil, Uruguay, Sri Lanka, Siberia,

India, Madagascar, Mexico, Canada

Colors: purple or blue-violet

Uses: jewelry

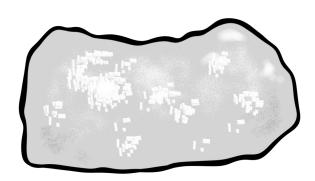


Carnelian

Location: India, South America, Japan

Colors: orange or reddish-brown

Uses: jewelry



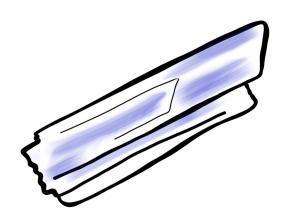
**Diamond** 

Location: Australia, Canada, Russia, parts of

Africa

Colors: wide variety including colorless

Uses: jewelry and many types of industry



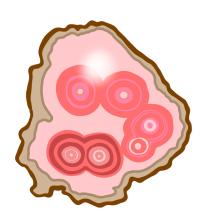
**Kyanite** 



**States** 

Colors: pale blue

Uses: line special manufacturing ovens

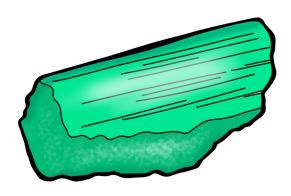


Rhodochrosite

**Location: Romania, United States** 

Colors: rose-red, pink, pale brown

Uses: producing steel



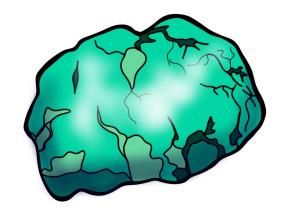
**Tourmaline** 

Location: Brazil, United States, Madagascar

Colors: pink, blue, green, yellow, brown,

black

Uses: jewelry, industrial uses

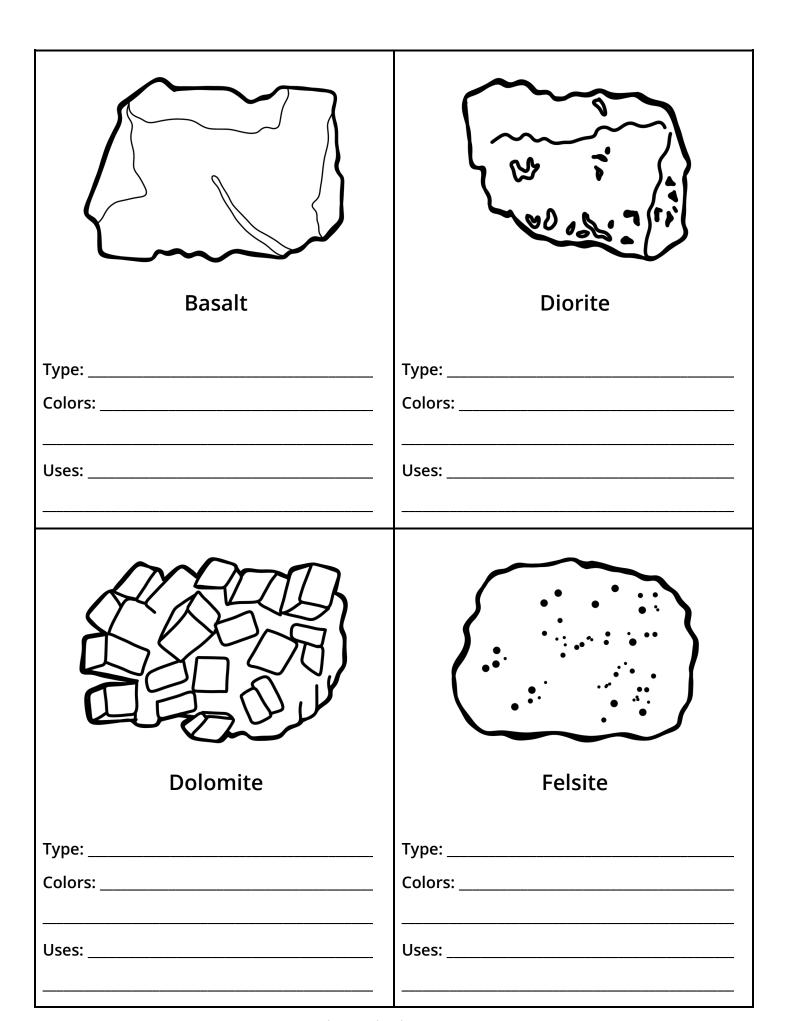


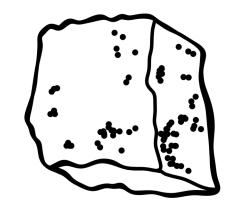
**Turquoise** 

Location: Iran, Tibet

Colors: sky-blue, blue-green, yellow-green

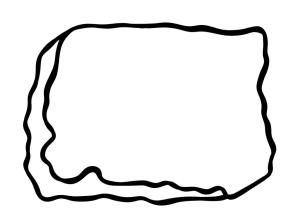
Uses: jewelry





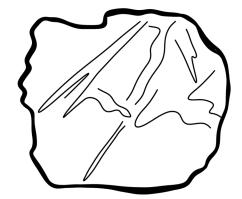
### Granite

Туре:	 	 	
Colors:	 	 	
Uses:			



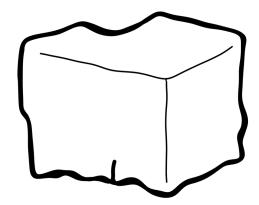
### Limestone

Type:	 	 	
Colors: _	 		
Uses:	 	 	



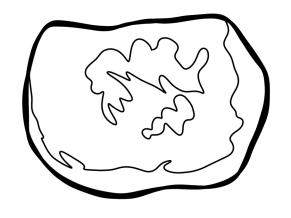
#### Marble

Type:	 	 	
Colors: _			
Uses:	 	 	



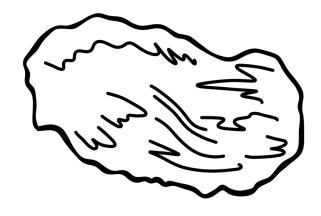
## Quartzite

Type:	 		
Colors: _	 	 	
Uses:			



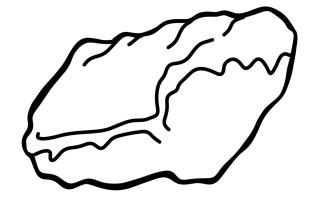
#### Sandstone

Type:			
Colors:			
Uses:			



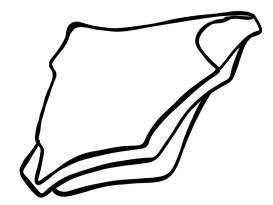
#### Schist

Type: \_\_\_\_\_\_
Colors: \_\_\_\_\_
Uses: \_\_\_\_\_



#### Serpentine

Type:
Colors:
Uses:



#### Shale

Type: \_\_\_\_\_\_
Colors: \_\_\_\_\_
Uses: \_\_\_\_\_

