FOCUS QUESTIONS FOR

CRYSTALS

1. Write a paragraph explaining the main ideas of Chapter 2.

2. What type of crystal is most useful in your daily life? Why?

3. What material is an emerald made of?

A. beryl

B. silica

C. sodium chloride

4. Why are crystals often more popular when they aren't pure?

A. People like soft crystals.

B. People like colorful crystals.

C. People like huge crystals.

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Answer Key for Crystals

1. Answers will vary
2. Answers will vary
3. A
4. B

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FOCUS QUESTIONS FOR
FOSSILS

1. Write a paragraph explaining the main ideas of Chapter 2.

2. What type of fossil would you like to study? Why?

3. Which is an example of a trace fossil?

A. petrified wood

B. claw marks on a tree

C. an insect in amber

4. Why do scientists want to find and record more fossils as the climate changes?

A. It is hard to handle fossils when they are very warm.

B. Scientists want to find fossils before the fossils are destroyed.

C. Climate change creates more fossils.

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Answer Key for Fossils

1. Answers will vary
2. Answers will vary
3. B
4. B

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FOCUS QUESTIONS FOR

GEMSTONES

1. Write a paragraph explaining the main ideas of Chapter 3.

2. Do you think people should mine for gemstones? Why or why not?

3. Which type of gemstone grows inside a living thing?

A. jade

B. pearl

C. diamond

4. Why might synthetic gemstones help avoid the harsh conditions of getting gemstones?

A. They are made in labs, not found in mines.

B. They are more expensive than natural gemstones.

C. They are an older way of getting gemstones.

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Answer Key for Gemstones

1. Answers will vary
2. Answers will vary
3. B
4. A

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FOCUS QUESTIONS FOR

Igneous Rocks

1. Write a paragraph explaining the main ideas of Chapter 2.

2. What do you think is the most important use of igneous rock? Why?

3. Which igneous rock is a natural type of glass?

A. obsidian

B. gabbro

C. granite

4. People often make statues from granite. Why would that type of rock be a good choice?

A. It is easy to break.

B. It is hard and strong.

C. It is filled with tiny holes.

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Answer Key for Igneous Rocks

1. Answers will vary
2. Answers will vary
3. A
4. B

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FOCUS QUESTIONS FOR

METAMORPHIC ROCKS

1. Write a paragraph explaining the main ideas of Chapter 4.

2. What do you think is the most important use of metamorphic rocks? Why?

3. Which of these things does not help create metamorphic rocks?

A. rising temperature

B. erosion

C. high pressure

4. Why did Shah Jahan want to use marble to build the Taj Mahal?

A. The material was cheap to buy.

B. He wanted the tomb to be beautiful.

C. Marble was not found in India.

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Answer Key for Metamorphic Rocks

1. Answers will vary
2. Answers will vary
3. B
4. B

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FOCUS QUESTIONS FOR MINERALS

1. Write a paragraph explaining the main ideas of Chapter 1.

2. What are some of the most important uses of minerals in your daily life? How would your life be different without them?

3. What type of mineral makes up most of Earth's mantle?

A. fluorite
B. diamond
C. bridgmanite

4. Why might countries and businesses fight to control mineral-rich areas?

A. They want to make money by selling the minerals.
B. They want to leave the minerals in the ground.
C. They want to get rid of the minerals.

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Answer Key for Minerals

1. Answers will vary
2. Answers will vary
3. C
4. A

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FOCUS QUESTIONS FOR

The Rock Cycle

1. Write a paragraph explaining the main ideas of Chapter 2.

2. Which step of the rock cycle do you think is the most interesting? Why?

3. When rock melts, what material is formed?

A. sediment

B. magma

C. metamorphic rocks

4. What might happen to metamorphic rocks that reach the surface?

A. They might melt into magma.

B. They might harden into igneous rocks.

C. They might break down into sediment.

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Answer Key for The Rock Cycle

1. Answers will vary
2. Answers will vary
3. B
4. C

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FOCUS QUESTIONS FOR

Sedimentary Rocks

1. Write a paragraph explaining the main ideas of Chapter 4.

2. Do you think people should keep using energy sources that come from sedimentary rocks? Why or why not?

3. Which sedimentary rock is a type of limestone?

A. coal
B. shale
C. coquina

4. How can fossils in sedimentary rocks help scientists learn about evolution?

A. Scientists can see how fossils of species changed over time.
B. Scientists can see how every fossil looks the same.
C. Scientists can see just the largest fossils and sedimentary rocks.

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Answer Key for Sedimentary Rocks

1. Answers will vary
2. Answers will vary
3. C
4. A

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