

Eprep 3  
Keepers of Earth History

**Overview of the Chapter:**

1. Before reading or looking at the chapter, write down what you know about rocks - from prior experiences
  2. Write down 3 questions of your own that you want to know about rocks
  3. Look through the chapter and find 5 figures that capture your interest and briefly describe your each figure.
  4. Write a question (before you read each paragraph) for various paragraph headings in which you want to know the answer.
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1. Define the three major rock groups and give 3 examples of rock types from each group
  2. Briefly explain the processes that form each major rock group
  3. Draw the entire rock cycle on page 35 - Note, Do not cut and paste the diagram, but rather hand draw it yourself. You can color if so desired.
  4. Describe how each rock group is classified - In other words, what are the two main criteria for describing rocks.
  5. What is the textural difference between extrusive and intrusive igneous rocks
  6. What is the compositional differences between mafic and felsic igneous rocks
  7. Briefly explain the weathering cycle (found in the rock cycle) that produces sedimentary rocks
  8. Briefly describe the three main sedimentary rock textural terms: clastic, chemical and biochemical (biogenic)
  9. Describe how a rock becomes metamorphosed
  10. Describe at least 3 agents of metamorphism

**Your vocabulary words:**

weathering

lithification

bedding

magma