



*Rock and Role:
The Role of Rocks
and Minerals in
Ancient Times*

Rocks



- Solid inorganic materials made up of minerals
- Three kinds based on how they formed:
 - Igneous
 - Sedimentary
 - Metamorphic

Minerals



- Solid chemical or combination of elements
- Can be divided up into categories by the main elements they are made of (silicates, carbonates, etc.)

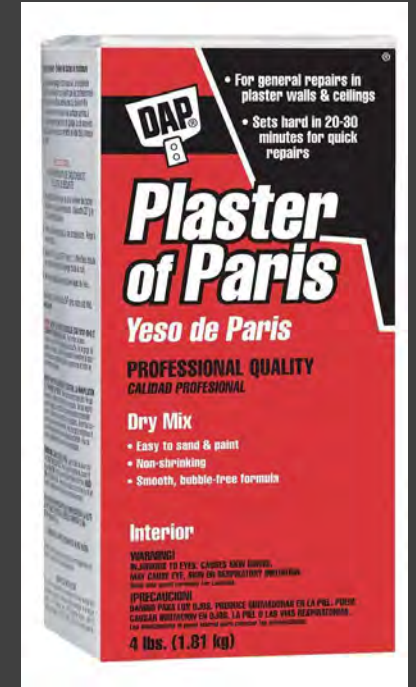
Where do we get rocks and minerals?

Locally

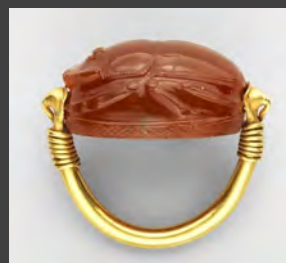
Trade



How do we use rocks and minerals?



How did the Ancient World Use Rocks and Minerals?



How Do We Identify Rocks and Minerals?



- Hardness: Mohs scale



- Appearance: color, texture, luster



- Streak color

Matching the Rocks to your Role



- Each group will be assigned an ancient job (builder, sculptor, jeweler, toolmaker, or painter)
- Working in your groups, record your observations about the ten rocks and minerals provided
- Choose the two rocks or minerals you think are best for your job
 - Use your observations as evidence for your answer

Which Rock for Which Role?

Sculptor:

Builder:

Jeweler:

Toolmaker:

Painter:

Which Rock for Which Role?

Answers

Sculptor: Sandstone, Alabaster

ALSO USE: Granite, Limestone, Basalt

Builder: Limestone, Granite

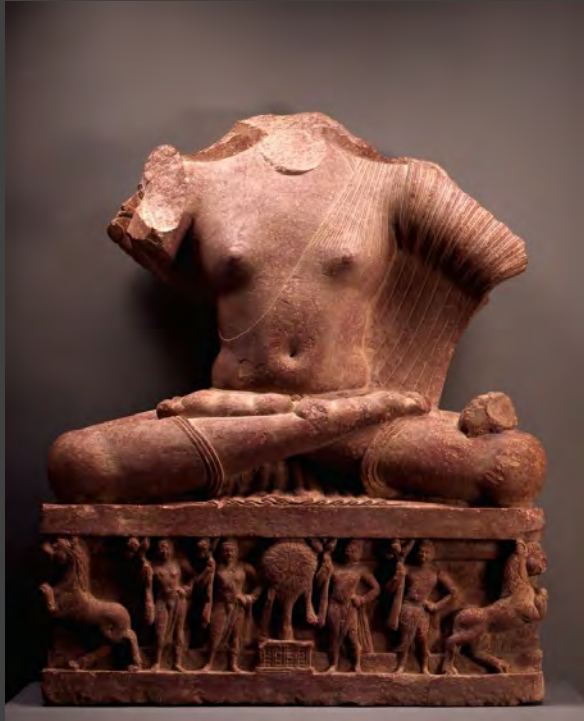
ALSO USE: Sandstone

Jeweler: Carnelian, Amethyst

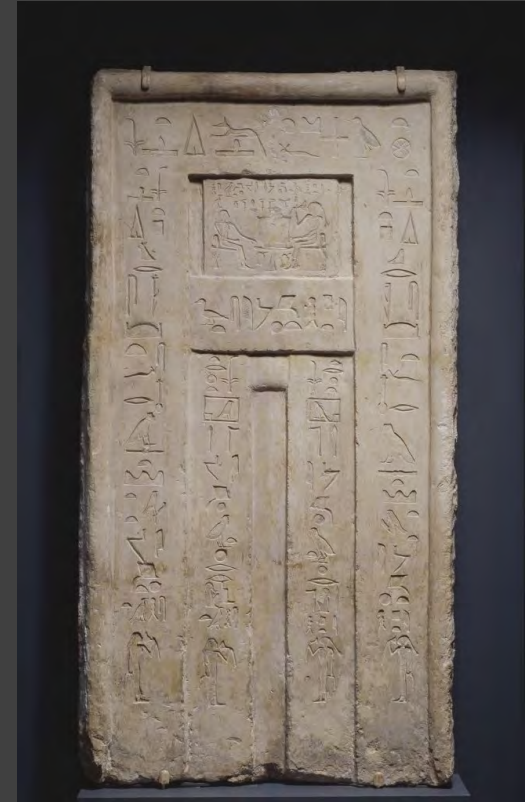
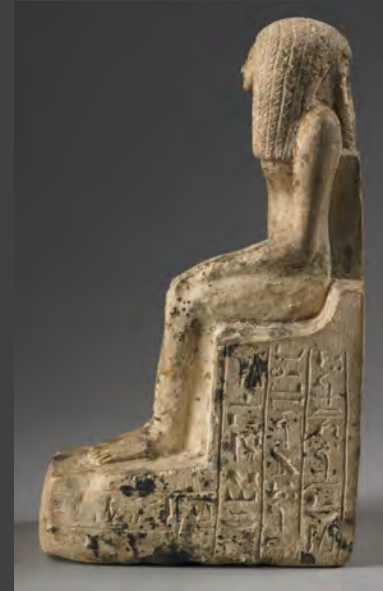
Toolmaker: Obsidian, Basalt

Painter: Hematite, Malachite, Azurite

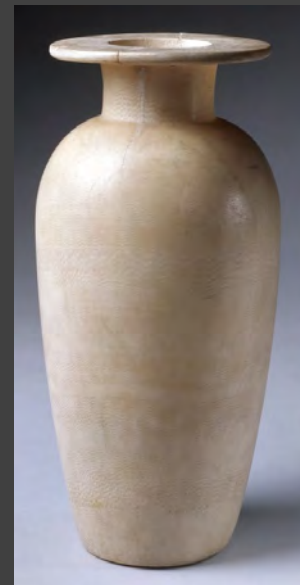
Sandstone



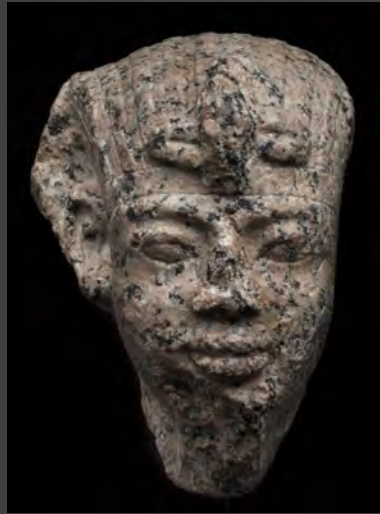
Limestone



Alabaster



Granite



Obsidian



Basalt



Carnelian



Pigments (Hematite, malachite, and more!)



Amethyst



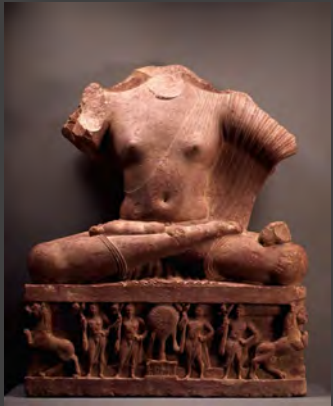


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MICHAEL C. CARLOS MUSEUM



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