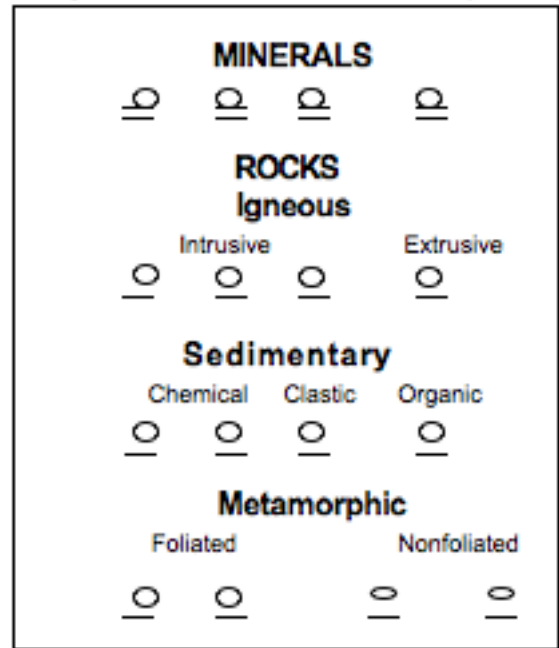


Rock and Mineral Project - The Rules

The rock and mineral collection is an optional project. The due date will be two weeks before the end of class. It will be worth 20 points extra credit, or you use it to replace one of your lab exams but not replace a missed exam. Collect at least 16 different rocks and/or minerals. More is better. Get 'em off the ground yourself (don't buy) as the provenance (I've always wanted to use that word!) is important.

The items collected are to be divided among four major categories and several minor divisions as follows:

- A. Minerals
- B. Rocks
 - I. Igneous
 - a. intrusive
 - b. extrusive
 - II. Sedimentary
 - a. chemical
 - b. clastic
 - c. organic
 - III. Metamorphic
 - a. foliated
 - b. nonfoliated



There must be a minimum of four in each Roman numeral category. What? Ya gotta have at least 4 minerals, 4 igneous rocks, 4 sedimentary rocks and 4 metamorphic rocks. The items are to be mounted and labeled in the above divisions on a piece of wood, cardboard, styrofoam, or ??? Recycled cardboard is good.

Each label under each mineral and rock will have the name, date, and location of find. Yes, I know you can go buy them, but that isn't the idea. Hey, did I mention, "Don't buy them."?

"Where do I get rocks?" Look down. The ground has been known to have rocks and minerals. Take a walk this weekend. This will become a tax-deductible trip! There have been more than 30 different items identified *just on our campus*. I'm usually in class early to help you ID the finds. Bookstores have great (and cheap) books on rocks and minerals. Look on-line for references.

Good luck and happy hunting. When done, attach the evaluation system below to your project...

YE OLDE ROCK PROJECT

Name _____

_____ (25%) Are all 16 DIFFERENT rocks and or minerals present?

_____ (25%) Are all rocks/minerals correctly identified?

_____ (25%) Correctly laid out? Correct divisions?

_____ (25%) Is it attractively displayed? Is it neat?

_____ TOTAL % = _____ /100