

Choosing Which Rock to Use

An Assessment or Instructional Project for the Geology Quarter

Use this activity as a:

- Pre-assessment
- Post-assessment
- Project that students expand into their own multiple choice test on rocks
- Project that students organize to test different hypotheses about which rocks are most appropriate to which uses

Note that students also will use geography as they determine their answers, since they should include the transportation challenge as one reason to choose a rock that is more prevalent in this area so that it would be less costly to transport it to use it here.

1. Which of the following kinds of rocks would you use if you were building a ten-story apartment building in Chicago:

a. sandstone b. shale c. granite

Explain why you chose that kind of rock.

2. Which of the following kinds of rocks would you use if you were going to make a stone fence in Chicago?

a. marble b. conglomerate c. limestone

Explain why you chose that kind of rock