

Geology of Table Rock

Making a Metamorphic Rock

Questions About Metamorphism

1. How did the arrangement of the oatmeal flakes change after you pushed on them?
2. How did the appearance of the chocolate chips change after they were heated and cooled?
3. What two main things happen during metamorphism that causes change in rocks?
4. In your rock, what mineral might the chocolate chips resemble (from the field trip)? Be prepared to explain why you chose this mineral.
5. Classify your 'rock' using geologic terms.

Vocabulary List:

Foliation - the parallel alignment of minerals within a metamorphic rock

Metamorphism - change caused to an existing rock by heat, pressure, and fluid activity

Recrystallization - the process where an existing crystal undergoes partial melting and physically changes to a new crystal, possibly of a different mineral