



Module: Material Structure
Focus: Crystal Structures
Duration: 43 minute period



- Objectives:**
1. Students will be able to distinguish between crystalline and amorphous structure.
 2. Students will be able to observe and diagram various crystal defects.

Materials: Copper Sulfate Crystals
Microscope

- Procedures:**
1. Review with the class yesterday's lab.
 2. Students will perform a lab observing crystalline structures in the copper sulfate crystals they made in a previous lab.

Assignment: 1. Complete lab write up.

Assessment: 1. Laboratory Experiments, Classroom Participation, Quizzes & Test.

Contact:
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Teacher Notes:

After a brief review of yesterday's lab, students are to place a few of their copper sulfate crystals on a microscope slide. They are to look for a single crystal structure, grains and a grain boundary, and any other crystal defect they may come across.

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