



Module:
Focus:
Duration:

Material Structure
Module Introduction
43 minute period



- Objectives:**
1. Students will be able to illustrate that a material's performance is connected to its structure.
 2. Students will be able to discuss how a material's performance is determined by its composition and the types of bonds within its structure.
 3. Students will be able to list and describe the various types of crystal packing.
 4. Students will be able to list and define the various types of crystal defects.

Materials: None.

- Procedures:**
1. Introduce and discuss the topic of material structure.
 2. Give PowerPoint presentation on Material Performance

Assignment: 1. None.

Assessment: 1. Classroom Participation, Quizzes & Test.

Contact:
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Teacher Notes: Have students copy the notes from the presentation.

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