

Metamorphic Rocks

- When does metamorphism take place?

- What are the three agents of metamorphism and what do they do?

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How are metamorphic rocks distinguished from other types of rock?

- What are some sources of metamorphic temperatures and pressures?

- Define and describe the differences between foliated and nonfoliated metamorphic rocks.

- What are three types of metamorphic textures and how do they form?

Which metamorphic textures develop under directed pressure?

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Which metamorphic textures develop under regional burial?

Which metamorphic textures develop in contact with igneous intrusions?

- How do metamorphic temperatures differ from temperatures associated with the formation of igneous and sedimentary rocks?

What are the parent rocks that metamorphose to form:

- slate,
- schist,
- gneiss,
- marble,
- quartzite?

- What is the order of typical foliated metamorphic rocks indicating increasing metamorphism?

- What minerals indicate low grade metamorphism?
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- What minerals indicate intermediate grade?
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- What minerals indicate high grade?