

SECTION  
**5-3**

**Soil Composition**

(pages 123-127)

**KEY CONCEPTS**

▲ Pieces of weathered rock and organic material, or humus, are the two main ingredients of soil.

▲ As soil forms, it develops separate soil layers called horizons.

**■ Building Vocabulary Skills: Relating Terms**

Explain how the terms in each pair or group are related.

1. Horizon: soil profile

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2. Pore spaces: topsoil

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3. Topsoil: subsoil: horizon

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4. Topsoil: subsoil: leaching

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■ **Relating Key Words: Understanding the Main Ideas**

Explain how each key word or phrase is related to the composition of soil.

1. Clay and quartz

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2. Texture

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3. Gravel, sand, silt, and clay

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4. Mature soil

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5. Immature soil

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■ **Labeling Diagrams: Applying the Main Ideas**

On the following diagram, label the four layers shown. As you label the soil horizons, be sure to indicate what each horizon contains.

