

Earth Layers and Moving Plates: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. Why might earthquakes cluster near plate boundaries?

Look for:

- Connects interaction with a pattern.

One possible response: Plates interact and stresses can be released near boundaries.

2. A diagram shows plate motion with large arrows. Must plates move that far each day?

Look for:

- Recognizes a model's scale limitation.

One possible response: No. The arrows show direction, not a daily distance at true scale.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.