PD Leader Master
Analysis Guide C:
Selecting Activities Matched to the Learning Goal
(Answer Key)

List the main learning goal: Landforms, including bodies of water, look different in different places.

Part 1: Identify and analyze the science ideas in the activity. Using the table below, first list in the left column each science idea (main and supporting) that is addressed in the activity. Then indicate in the right column how closely each science idea matches the main learning goal.

All Science Ideas in the Activity **Relief-Map Activity**	The science idea is *(closely, partially, weakly, not)* matched to the main learning goal.
In this activity, students use relief maps, reference books, and their own experiences to compare landforms in different locations in the United States.	
Video Clip 6.5 (Before the Activity)	
1. Colorado landforms include rivers, lakes, and mountains.	Partial match
2. Missouri has rivers and plains, but not mountains.	Close match
3. Missouri and Colorado have similar landforms (rivers, plains), but they also have different landforms (e.g., only Colorado has mountains).	Close match
Video Clip 6.6 (During the Activity)	
4. New Orleans landforms include deltas, lakes, rivers, and plains.	Partial match
5. A delta occurs where there's a river and an ocean.	Partial match
6. Plains are flat areas.	Partial match
Video Clip 6.7 (After the Activity)	
7. The two places we looked at aren't exactly the same. Some landforms are the same, and some are different.	Close match
8. Both Seattle and Austin have rivers.	Close match
9. Seattle has mountains, but Austin doesn't.	Close match

Part 2: If there are weak or partial matches, suggest ways the activity could be modified to more closely match the main learning goal.

This activity is closely matched to the main learning goal. When there are partial matches, only one city or state is in focus. Otherwise, students are comparing two locations.