

Goals and Assessment

Clarify that the goals indicate what students should understand and be able to do as a result of the activity. Make sure students understand that Chapter Assessments are based upon these goals.

Goal	Location	Assessment Opportunity
Rank the effects of earthquakes.	Investigate Part A: Step 1	Effects properly ranked in terms of intensity.
Map the intensity of earthquakes.	Investigate Part A: Step 2	Curves on map connecting regions of equal intensity drawn correctly.
Interpret maps of earthquake intensity to approximate the general location of the epicenter.	Investigate Part A: Step 3	Patterns accurately noted. Epicenter correctly identified.
Identify geologic materials that pose special problems during earthquakes.	Digging Deeper Check Your Understanding Question 4	Responses to question match those given in the Teacher's Edition.
Explain how the magnitude of an earthquake is determined.	Investigate Part B Digging Deeper Check Your Understanding Question 5	Explanation clear, accurate. Responses to question match those given in the Teacher's Edition.