

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 in Activity	Assessment Opportunity
Calculate the density of liquids and compare their densities with their position in a column of liquid.	Investigate Part A: Step 3	Calculations are correct, work is shown.
Observe the effects of temperature on the density of a material.	Investigate Part B: Step 3	Observations are accurate, reasonable. Diagrams used, observations recorded at 5 min. intervals for 20–30 min.
Examine natural heat flow from within the Earth.	Investigate, Digging Deeper Questions 4 – 5	Answers reflect those given in the Teacher’s Edition.
Understand the results of uneven heating within the Earth.	Investigate, Digging Deeper Question 5	Answers reflect those given in the Teacher’s Edition.
Understand the causes of the movement of lithospheric plates.	Investigate, Digging Deeper Question 6	Answers reflect those given in the Teacher’s Edition.