

Energy: ERRATA

Notes on the 2001 Edition

- Investigation 1: Tracing Electricity to Its Source
- Investigation 2: Uses of Energy Resources
- Investigation 3: How Fossil Fuels are Formed
- Investigation 4: Sources and Uses of Petroleum
- Investigation 5: Exploring for Petroleum
- Investigation 6: Solar Energy
- Investigation 7: Using Energy Resources Wisely

Investigation 1: Tracing Electricity to Its Source

Teacher's Edition, Page 45

Last sentence of number 2, "They need to realize that some of the internal energy in the hot plate..." "internal energy" replaces "heat energy."

Investigation 2: Uses of Energy Resources

NONE

Investigation 3: How Fossil Fuels are Formed

Teacher's Edition, Page 127, As You Read...

Last sentence under number 1 should read: "The percentage of the coal that is carbon increases."

Investigation 4: Sources and Uses of Petroleum

NONE

Investigation 5: Exploring for Petroleum

Teacher's Edition, Page 178

Second sentence of the 5th paragraph should be replaced with: "The reflected wave bounces off of the discontinuity and away from the boundary not unlike a ball bouncing off a surface. The angle at which the reflected wave leaves the boundary is equal to the angle at which it approached to begin with."

Investigation 6: Solar Energy

NONE

Teacher's Edition, Page 255

Second paragraph, replace "heat energy" with "internal energy."
