



Name: _____ #: _____

Subject: _____ Section: _____

Date: _____ HR: _____

Inside Earth WebQuest: Worksheet

Part 2: Convection Currents and the Mantle

Site 1 & 2

How is heat transferred by conduction?

Explain the process of convection.

How is heat transferred by radiation?

If air is a fluid, why isn't convection responsible for transferring heat to Earth from the sun?

Test your knowledge! Scroll down to the bottom of the Heat Transfer Web page and take the "Mini Quiz".

Site 3

Describe how convection currents occur in Earth's mantle.

What is a constructive force caused by the convection currents in the earth's mantle?

What is a destructive force caused by the convection currents in the earth's mantle?
