

College Prep Chemistry of the Earth System

Assignment 2B

20 Points

Introduction to Energy – Heat Transfer

Answer the following completely... no one word answers... based on in class discussion and notes from class/online

1. Define the following terms
 - a. Conduction
 - b. Convection
 - c. Radiation
2. Conduction: Explain how heat is transferred in a solid through materials directly touching
3. Convection: What is a convection current and how do these currents help move heat
4. Radiation: Explain how heat transfers through space and through the atmosphere on earth