

Name: _____ Date: _____

Family Link with Science—Homework

Kitchen Conductors

Identify what some of the utensils and other things in your kitchen (such as cooking spoons, spatulas, oven mitts, baking pans, and cooking pots) are made of. They may be made of one material or several different materials. Some may be made of the materials you tested in class (aluminum, copper, brass, bamboo, and plastic). Note in the following table some of the items you found, what they are made of, and whether you think they are good or poor conductors of heat energy.

Safety Note: Only predict whether you think the item is a good or poor conductor of heat energy. Do not test anything unless you have an adult supervising you.

Note: Refer to Chapter 6, "Conductors of Heat Energy," in your student reference book to assist you as you identify the different types of materials the tools in your kitchen are made of.

| Kitchen Item | Material(s) It's Made of | Good or Poor Conductor |
|--------------|--------------------------|------------------------|
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Please return to class by _____.