Teacher Tips Now You’re Cooking

Lesson 3
What’s Hot and
What’s Not

• Introduce concept of thermal insulation by providing the scenario of standing on ice or snow in bare feet. What to do to keep feet warm?

• For students struggling with properties descriptions, provide a word bank or refer to “character traits” of the materials

• Ask students to use community or school guidelines for recycling materials instead of handout 3-11.

• Use an actual shoe box to demonstrate the look of the solar oven, to further reinforce the message of “re-use” and green engineering, even if students use the kit shoe boxes for their challenge.

• Review all “how-to” videos for construction of solar ovens and ice bath set-up.