

# At-A-Glance Station Planning Matrix

Activity Title & Description	Number of Families Station Accommodates
<p><b>A “Centsible” Battery</b> Families make a battery out of pennies that can power a small LED light.</p>	4
<p><b>Doing the Job for Less</b> <span style="color: orange;">*requires electricity*</span> Families design a simple experiment to compare the efficiency of different types of light bulbs.</p>	1-2
<p><b>Draft Finders</b> Families build a draft finder that they will take home and use to detect drafts in their own homes.</p>	4
<p><b>Electric Bill Breakdown</b> Learn how your electric bill can save you money.</p>	4
<p><b>eMonitor Scavenger Hunt</b> <span style="color: orange;">*requires electricity and Internet access*</span> Families take part in a scavenger hunt to examine the real-time electricity data available to homeowners with eMonitors (real-time electricity use devices).</p>	4
<p><b>Energy Discovery Box</b> Families, using clue cards, discover a myriad of connections ordinary everyday objects have with energy.</p>	2
<p><b>Energy Toy Box</b> Using simple toys, families figure out where the energy that makes them work comes from.</p>	2
<p><b>Energy Trivia</b> Families test their energy knowledge in this game with true-false, odd one out, definition, and multiple-choice questions.</p>	2
<p><b>How Much is That?</b> Families try to match every day activities to the amount of energy consumed in the process.</p>	1
<p><b>Is It Drafty in Here?</b> <span style="color: orange;">*requires electricity*</span> Using a cardboard model of a home, families compare the temperature of a “drafty home” to one that is sealed.</p>	1
<p><b>Phantoms in the Home</b> <span style="color: orange;">*requires electricity*</span> Using Kill A Watt meters, families investigate devices typically found in the home to determine which have phantom loads.</p>	2
<p><b>Puzzled About Power</b> Families will put together puzzles depicting various methods of electricity generation.</p>	4
<p><b>So Cool It’s Hot</b> Families investigate objects that seem to be "hot" or "cold."</p>	2
<p><b>What Does it Cost?</b> Families use the information found on appliance nameplates to calculate the cost of their operation.</p>	2
<p><b>Where Do Your Energy Dollars Go?</b> Using \$2200 in play money, families estimate how much different household activities cost.</p>	1