

Pre-Visit Activities for *Giants of Electrical Science*

Provided by The Adventure Science Center of Nashville

Here are a few fun activities that you may use to help prepare your students for attending the *Giants of Electrical Science*.

1. Write the word energy on the board. Ask “What do you think of when you read this word?” Possible suggestions might be: electricity, light, motion, burning fossil fuels, magnetism, etc. Brainstorm and list words. Have students make a list of objects in the classroom that use energy.
2. Discuss how energy is defined as “the ability to do work.” Ask students for examples of work using electricity. Examples might be: lighting a light bulb, turning on a fan, moving a turbine, etc. Ask students for examples of how their bodies use energy.
3. A few days before the program, ask students to keep an electricity diary. Students should record their use of any form of electricity from the minute they arise in the morning to the end of their day. Have teams or individuals find out when each of these electrical objects was first used. How many have been around over 100 years?