

## **Teacher Answers for A Shocking Discovery**

### **Part I**

An electrical circuit was created when the aluminum was placed in the water. The reason that this happened was that all components were in place to make a complete circuit.

### **Part II**

The intensity of light should increase as the salt is added to the water. At a certain point, the water will be saturated with the salt and the intensity of the light will not change.

### **Closure Questions Part II**

Have students explore what other substances can be used to efficiently conduct electricity. Let them brainstorm how this could be used on the Space Station.