

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.