

Is Water a Conductor or Insulator?

1) Did the LED light up when the two probes of the conductivity detector were immersed in water? **yes/no**

2) Does this suggest that water is an Insulator or a Conductor?

3) Did the brightness of the light shown when testing water equal the brightness of the light shown when testing the conductor retested to begin today's investigation or was it different? **Equal/Different**

4) If you observed a difference between the retested non-water conductor and water, which conducted better and was brighter?

Water made LED brighter/ Other made LED brighter

5) Do all conductors conduct electricity the same? Yes/No

6) In the opening visualization/story, how could you use your Conductivity Detector to make sure the right fish go back in the right fish tank? Discuss with your parent/guardian...