

Light-dependent resistor (LDR)

Name:

Class:

1. What is an LDR?
2. What does the abbreviation LDR mean?
3. What are the parts of an LDR? What material is used to build one?
4. Where are they used?
5. What is the electrical symbol for an LDR?
6. Explain what is happening in experiment 1.
7. What is the name of the device used to measure electrical resistance? What other device could be used?
8. In experiment 2 why does the LED light up when a flashlight is aimed at the LDR? Why do only a few electrons flow through the circuit when the LDR is in darkness?