

Goal • Use this activity to help reinforce your understanding of circuit element symbols and how they are connected.

What to Do

1. Scientists use a standard set of symbols and units for several reasons, including improved communication. Record the common or accepted symbol for each circuit element in column 2 of the chart.
2. In column 3, record your own symbol for the circuit element.
3. On a separate sheet of paper, use your symbols to draw at least 4 circuit diagrams.
4. Pass your circuit diagrams to a partner. Challenge your partner to figure out which circuit elements your symbols represent. Provide additional clues if necessary.

DATE:

NAME:

CLASS:

Activity 8
continued

Circuit Element	Accepted Symbol	My Symbol
Bulb		
Cell		
Battery		
Conducting wire		
Resistor		
Ammeter		
Voltmeter		
Open switch		
Closed switch		