

## SCIENCE SCENARIO

**Directions:** Use the information presented on pages 25 and 26 to answer questions 13 through 16.

Students made the device shown in the experimental setup below for testing the effects of different electromagnetic fields on substances. The testing device has three batteries, three coils of insulated copper wire, one iron rod, three adjustable selector switches, and one on/off switch with a power indicator light.

**Experimental Setup**

