

My observation log

Activity 8: Airport metal detector (magic buzzer)

1 DRAW THE CIRCUIT YOU BUILT

Sketch your wiring here

2 WHAT DID THE BUZZER DO?

- | | |
|---|--|
| ☐ Magnet FAR from sensor - buzzer ON | ☐ Magnet FAR - buzzer OFF |
| ☐ Magnet CLOSE to sensor - buzzer ON | ☐ Magnet CLOSE - buzzer OFF |

3 WHERE ELSE DOES THIS EXIST IN REAL LIFE?

Name a real place that uses metal detectors. Hint: airports, banks, stadiums.

4 WHAT SURPRISED YOU?

5 RATE YOUR BUILD

Difficulty: ■ ■ ■ ■ ■

Fun: ■ ■ ■ ■ ■

SIGNED BY INVENTOR

Name: _____

Date: _____