

Keeping it Safe: An Electrical Security System

Businesses and homeowners use security systems to protect their merchandise, valuables, and property. In this activity, you will design and build an electrical security system to protect a car stored within a fenced area. You will make a poster that shows detailed plans of your model security system, construct a working model of your security system, and present your model to the class. In your presentation, you will describe how your security system works and what energy transfers take place. You will be able to determine the factors that make your model an efficient security system.