

KidWind SimpleGEN

Objectives: As a result of this activity, students will understand how a generator works, how to build a generator, and what a generator is made of.

The KidWind SimpleGEN kit is a great way to introduce students to the concept of electricity generation. The kit comes with materials to create 2 generators, allowing students to play with the number of magnets and coils of wire used. To measure the output from your generator the kit comes with a multimeter or LED lights.

This kit includes:

- Spool of insulated copper wire (28 gauge)
- Ceramic magnets (4)
- Magnet holder
- Generator box
- Sand paper
- 4" shaft
- Red superbright LED
- Multimeter
- Alligator clips
- Power Drill (optional)



The NEW kit includes:

- Wind turbine hub
- Alligator clips
- Multimeter
- Sandpaper
- Magnet holder
- Ceramic magnets (4)
- 8" hex shaft with hub quick connect
- 4" shaft
- SimpleGEN housing half
- Dowels
- Red superbright LED
- Bi-polar LED
- Spool of insulated copper wire (28 gauge)
- Hex locks
- Power Drill (optional)

*Any materials that are lost or broken during classroom use must be replenished before being returned. Items can be bought from Vernier.