**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.*