

4th Grade - NGSS 4-PS3-1 Materials and Additional Resources

## Materials

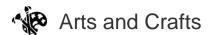
- Cardboard tubes (paper towel or toilet paper)
- Straws
- Cardboard for wheels
- Wooden skewers
- Masking tape
- Pipe cleaner
- Paper (construction or copy paper)
- Fan or blow dryer to create wind

## Engineering Design Process

Identify, Brainstorm, Prototype, Test, Iterate, Share | Engineering Design Process

Non-Fiction Reading (Newsela and Read Works are free platforms)

Generating Energy From the Wind Energy for Life, Fourth Grade Reading Passage



**Exciting Wind Turbine Making Project** 



## Videos\* **Learning About Wind Farms** Renewable Energy 101



## **Teacher Resources**

**Wind Powered Cars Environment for Kids: Wind Power** Wind power Facts for Kids How do wind turbines work?

<sup>\*</sup>A note about YouTube videos - The listed videos have been previewed, however individual teachers should also preview to ensure content is appropriate for their students.