



Wind Powered Car

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](#)



Arts and Crafts

[Exciting Wind Turbine Making Project](#)



Music

[Wind Energy](#)



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?](#)

**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.*