Materials

Solar Energy Set—Use box layout guide for inventory

Instruction Manual—Inside binder

Teacher Guide—Inside binder

Understanding Solar Power by Fiona Reynolds

Recommended for Grades 3 and Up
Choking Hazard
What to Know About This Kit...

This kit allows you to build three different solar-powered machines. It contains one solar battery and a solar capacitor. The capacitor is similar to a rechargeable battery—use the solar battery to charge the capacitor, which can then power the machine for a minute or so when there is no sunlight.

Projects include:
- Mini Shuttle Ride
- Solar Car
- Crank Man

The Solar Energy Kit is one of 3 related kits: Solar Energy, Wind Energy, and Water Energy. You may want to consider checking out one of those kits at the same time. The teacher guides for the Wind Energy and Water Energy kits show how to power the Crank Man or Mini Shuttle Ride models with wind or water power.

This kit contains many small parts and is not recommended for younger children.

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