

The Power Detective



Can you find these 5 energy-users in your home?

☐ A GLOWING
LIGHT BULB.



☐ A COLD FRIDGE
KEEPING FOOD
FRESH.



☐ A TABLET OR
PHONE
PLUGGED IN
TO CHARGE.



☐ A TOASTER OR
KETTLE
GETTING HOT.

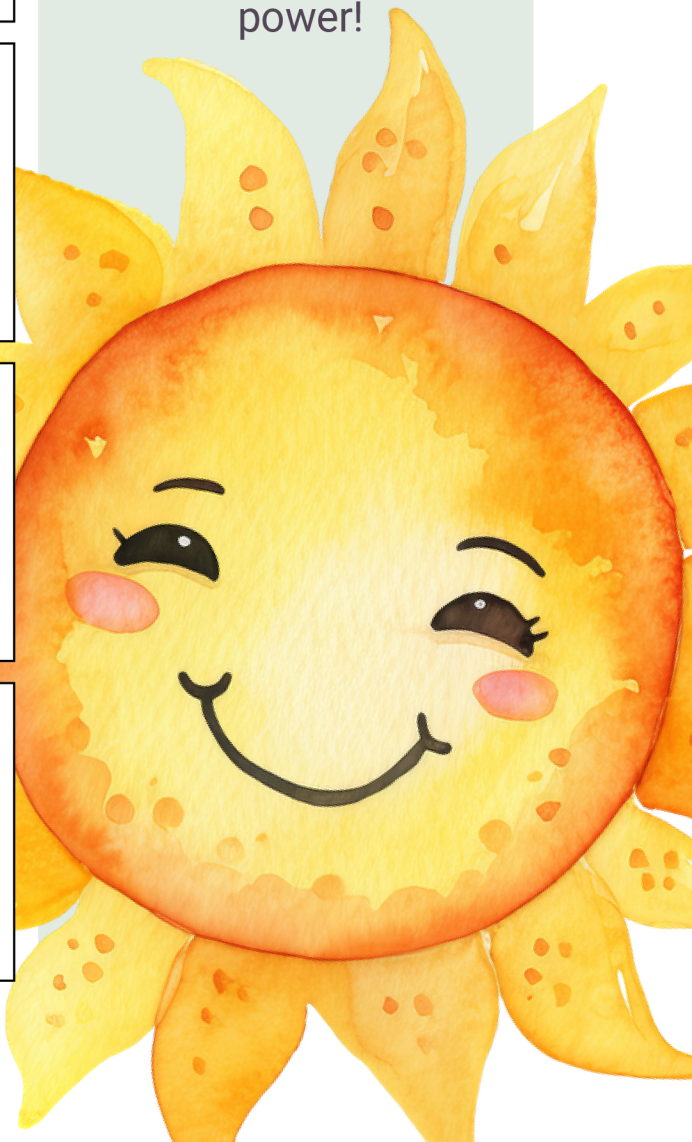


☐ A TV OR
COMPUTER
SCREEN.



THE BIG QUESTION

Put a **Star** next to the
ones you think the
Sun could help
power!



Make a Sun-Powered Snack!



Supplies:



PIZZA BOX



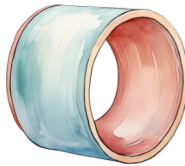
PLASTIC WRAP



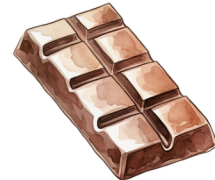
MARSHMALLOW



ALUMINUM FOIL



TAPE



CHOCOLATE

Steps:

STEP
1

Reflect: Tape foil to the inside of the box lid to catch the sun.

STEP
2

Seal: Put your snack inside and cover the opening with plastic wrap.

STEP
3

Cook: Point the foil lid toward the sun and wait 15 minutes!



SAFETY FIRST

Always have a grown-up help you cut the box lid, and remember. The inside can get as warm as a sunny car, so use an oven mitt if it feels toasty!

My Eco-Home



Design a house powered by nature!



Instructions: Draw your dream home. Label how it gets energy:



Solar:

Panels on the roof to catch sunbeams.



Wind:

A mini turbine in the garden.



Water:

Barrels to catch rain for the garden.

The Switch-Off Tally



Be an Energy Hero!



The Goal: Tally every time you switch off a light or device when leaving a room.

	TOTAL TALLIES
MON	
TUE	
WED	
THU	
FRI	
SAT	
SUN	