

# Switch On worksheet



## Gadgets and Gizmos

**Name:** \_\_\_\_\_

**Teacher:** \_\_\_\_\_

**Class:** \_\_\_\_\_

Energy needs to be transformed for different uses. Energy can heat up the frying pan to cook your dinner, or it can keep a drink nice and cold in the fridge. To be able to do this work, we use different devices to change energy into different forms. The first column of this table gives examples of how electricity can be transformed into a type of energy. Next to each description, write down a gadget or device that uses that energy to work. Then, describe how that gadget or device is used. The first one has been done for you.

What you want to do	Gadget or device that transforms the energy	Type of energy
Watch television	Television	Chemical
Make a cup of tea		
Having a cold drink		
Taking a photo		
Riding a lift in a building		
Turning on a light		
Talking on a mobile phone		
Have your teeth cleaned at the dentist		
Listen to music		
Visit a friend or relative on the other side of town		





Can you think how your life would change without energy to do this work?

