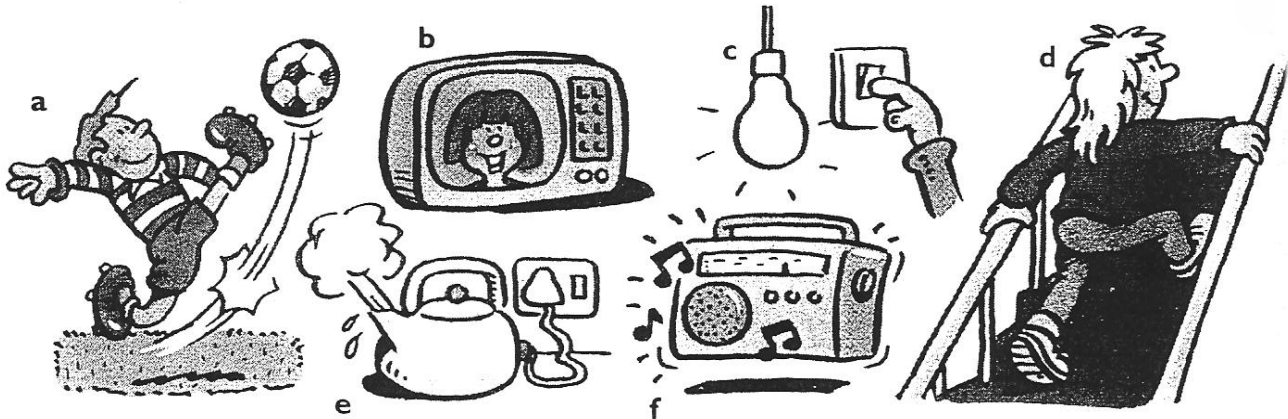


ENERGY CONVERSIONS

1. Look at the diagrams below. Complete the table on the energy changes occurring in each diagram.



Picture	What's happening?	Starting energy	Finishing energy
A			
B			
C			
D			
E			
F			

2. From the lists below, connect the object with the main energy change it does.

Object

Battery
 Electric motor
 Lift going up
 Solar cell
 Radio
 TV
 Torch
 Car
 Campfire
 Nuclear power station

Main energy change

electrical to sound
 electrical to light to sound
 chemical to kinetic
 chemical to heat and light
 nuclear to electrical
 electrical potential to electric to light
 light to electrical
 electrical potential to electrical
 electrical to kinetic
 electrical to kinetic to gravitational

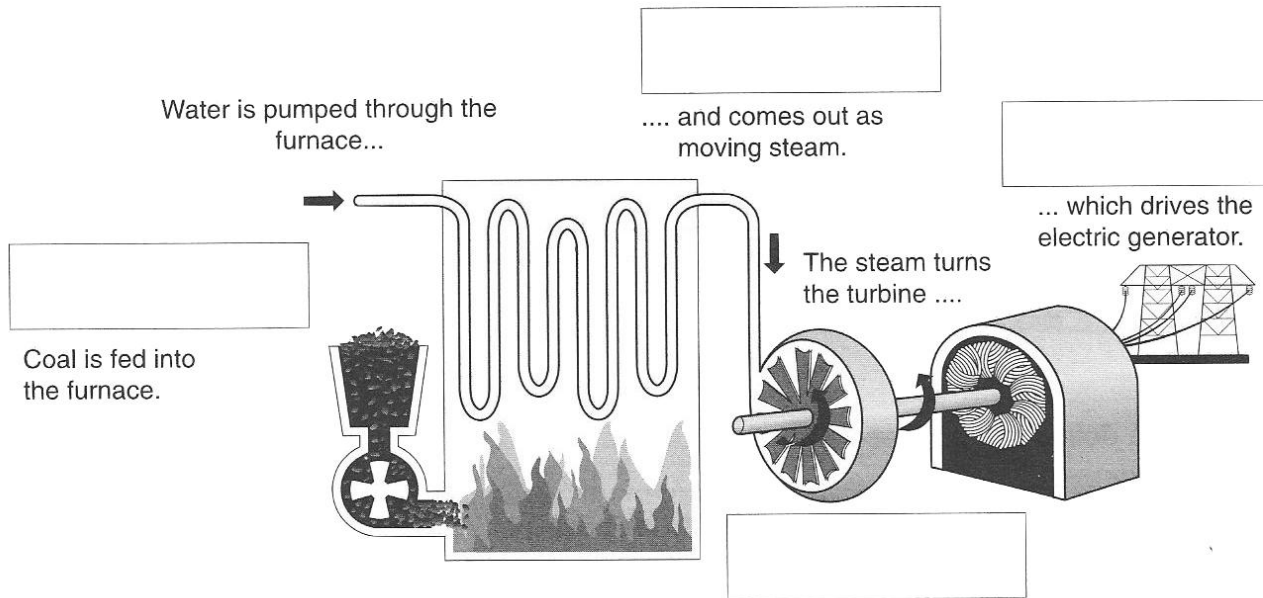
3. After returning from a coal-powered power station, Clayton drew this diagram of how it works. Add the following labels to the diagram.

electrical energy

kinetic energy

stored chemical energy

Note that you will have to use one label twice.



4. Now you've covered energy, energy conversions and work, complete this cartoon about work and energy.

