



## Do now task: Flow Diagrams

Name as many types of energy as you can:

.....

.....

.....

.....

.....

## Task 1: 10 Energy Types

a) Complete the names of the 10 types of energy:

M.....	C.....
K.....	S.....
H.....	E.....
L.....	E.....
G.....	N.....

b) How can we remember the 10 Energy types:

M..... K..... H..... L..... G..... E..... N.....

## Task 2: Changing Energy

Match the energy type to the object associated with it:

Torch

Sandwich

Bicycle

Kettle

Upward Escalator

Stretched rubber band

Kinetic

Heat

Light

Chemical

Elastic Energy

Gravitational Potential

### Task 3: Conservation Of Energy

What is the law of conservation of energy?

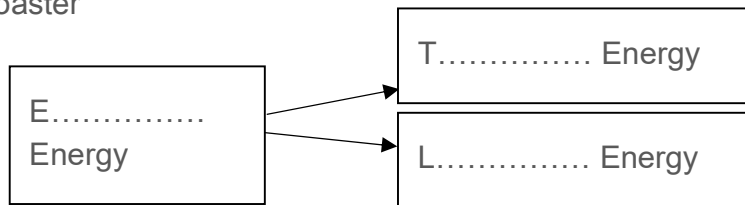
.....

.....

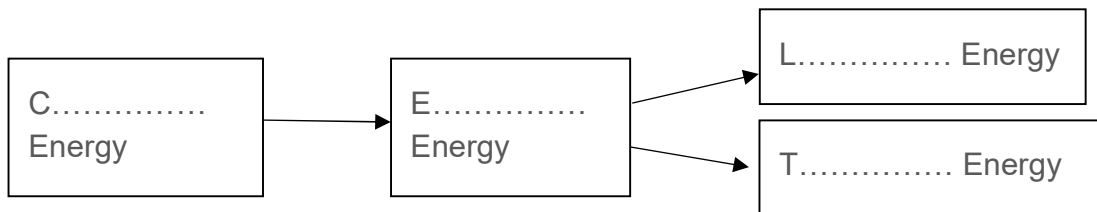
### Task 4: Flow Diagrams

Complete the flow diagrams below to show how energy changes form:

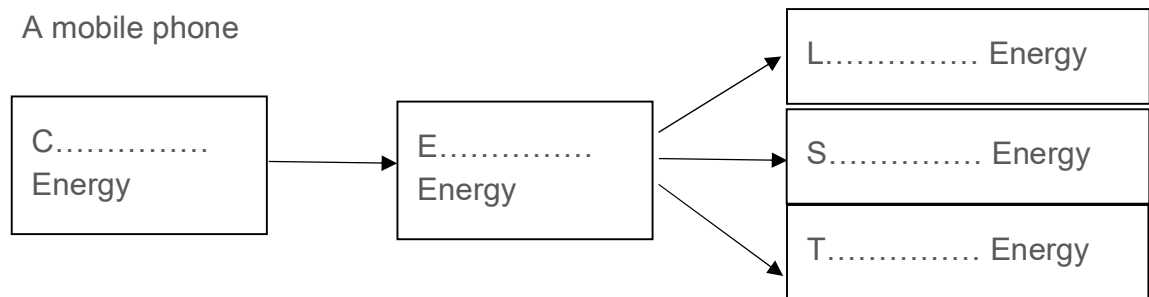
a) A toaster



b) A Battery Torch



c) A mobile phone



## Task 5: Drawing Flow Diagrams

---

Draw a flow diagram to represent the energy changes taking place in each object.

a) A Cat jumping down from the top of a wall to the ground.

b) A ball rolled up a hill

c) A Music Speaker

d) A girl strumming a guitar