

NATURAL SCIENCE - UNIT 4 REVISION WORKSHEET

"Energy"

TYPE OF ENERGY

1) Label the pictures with the different forms of energy. To do it, write the names in the gaps.

radiant – light – electrical – nuclear – thermal – chemical – mechanical - sound



















ENERGY TRANSFORMATION

2) Choose the correct word to complete the sentences about energy transformation. To do it, write the words.

thermal - nuclear – electrical – solar – kinetic - chemical

a) When you use a hairdryer, it converts _____ energy into _____ and _____ energy.

thermal - nuclear – electrical – solar – kinetic - chemical

b) When you are running, _____ energy is transformed into _____ energy.

sound - nuclear – potential – solar – light - chemical

c) When you use your mobile phone, _____ energy stored in the batteries is transformed into _____ or _____ energy.

electrical - nuclear – potential – thermal – light - chemical

d) A sandwich toaster transforms _____ energy into _____ energy

3) Explain the energy transformation, write the energy in and out. Choose the correct option.

1. CAR

(electrical - nuclear – kinetic – chemical)

1. _____ 2. _____

2. TELEVISION

(electrical - nuclear – light – sound)

1. _____ 2. _____ 3. _____



3. TOASTER

(electrical - nuclear – thermal – sound)

1. _____ 2. _____



4. SUN

(electrical - radiant – light – thermal)

1. _____ 2. _____ 3. _____



5. ELECTRIC GUITAR

(electrical - kinetic – radiant – sound)

1. _____ 2. _____ 3. _____

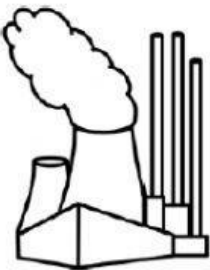
SOURCES OF ENERGY EXERCISES

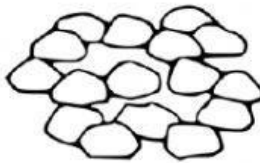
4) Label the pictures. Write renewable and non-renewable and the source as in the example:

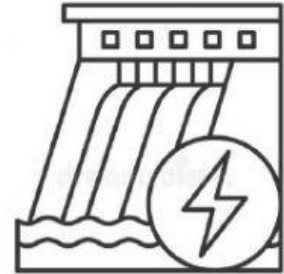
hydroelectric – petroleum – wind – biomass – nuclear – coal

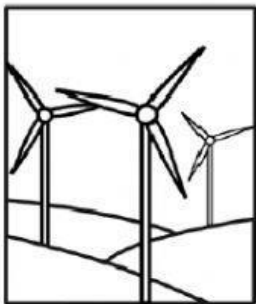


Solar energy
Renewable

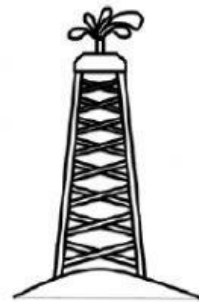












5) Complete the sentences, to do it, drag them to the correct place.

**unlimited –cause pollution – clean or green sources - don't run out
– don't create greenhouse gases**

Renewable sources of energy _____. They are
_____.

These sources are also called _____ because they
_____ or _____

**limited – greenhouse gases –
cause pollution – non clean - run out**

Non- renewable sources of energy _____. They are
_____.

These sources are also called _____ because they
_____ and create _____