

R-E CHAMP



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Hello, I'm Kofi RE. I'm the Champion of Renewable Energy and I love to talk about it with you. What do you know about Renewable Energy? But first, let's talk about energy. Come with me...

What is Energy?

Energy is the power to do work. We all do a lot of work; we love to play, walk and talk. The ability to do all these and more comes from energy. Energy can be obtained from different sources; the food we eat, the sun, water, dead organisms called fossils, etc



Sources of Energy:

Where we get energy from can either be Renewable or Non-Renewable

Non-Renewable Energy

It's an energy source that doesn't get replaced when it finishes. Examples include coal, fossil fuels (where we get our diesel, petrol, etc). These sources usually harm our environment; the air, water bodies, etc

Renewable Energy

It's an energy source that is never used up as it is replaced naturally. Examples are the sun, water, wind, etc. These energy sources don't harm our environment



Kinds of Renewable Energy



● Solar Energy

The energy we get from the sun is called Solar Energy. It can be used to dry our clothes and food, warm our bodies and produce electricity using special gadgets called panels which collect the sun's rays and stores them in batteries. The electricity from solar panels can be used to heat water, power appliances, etc.

● Wind Energy

The wind can be used to produce electricity and even dry our clothes. Wind mills are special machines which turn when the wind blows and as they turn, electricity is produced.

● Water Energy

I'm sure you know of Akosombo dam or Bui dam. And do you know what they do? Simple! The water in these dams (they are special huge tanks) are pushed out onto large devices called turbines to produce electricity which we use in our homes.

Why is Renewable Energy important?

It is clean

It does not harm our environment

It is a natural source of energy

It can be reliable

I hope you have learnt a lot today. Be an RE Champion and share with your friends too.

This booklet has been developed by the policy team of SYND to educate children about renewable energy in its simplest form.

CONTRIBUTORS

Chibeze Ezekiel – Executive Coordinator (SYND) Patience Agyekum – Policy team lead.
Enoch Anyane – Designer.

POLICY TEAM MEMBERS.

Maxwel Beganim Salomey Adjei Sarfoh Danquah Jacob Maud Ewoenam Fugar
Nana Mariam Yussif Priscilla Adogo Ahiada. Kwabena Owusu-Osei.

CONTACT US: info@syndghana.org, +233 (0) 207849729