

This National Energy Conservation Day

December 14, 2019

| Turn off the lights and exhibit your Photography skills |

Dark

Photography

Using Candle, Diya or Moonlight



WHAT IS ENERGY

- Energy lights our cities, powers our vehicles, and runs machinery in factories. It warms and cools our homes, cooks our food, plays our music, and gives us pictures on television.
- Energy is defined as the ability or the capacity to do work.

TYPES OF ENERGY

Renewable Energy

Renewable energy can be generated continuously practically without decay of source, i.e., endless.

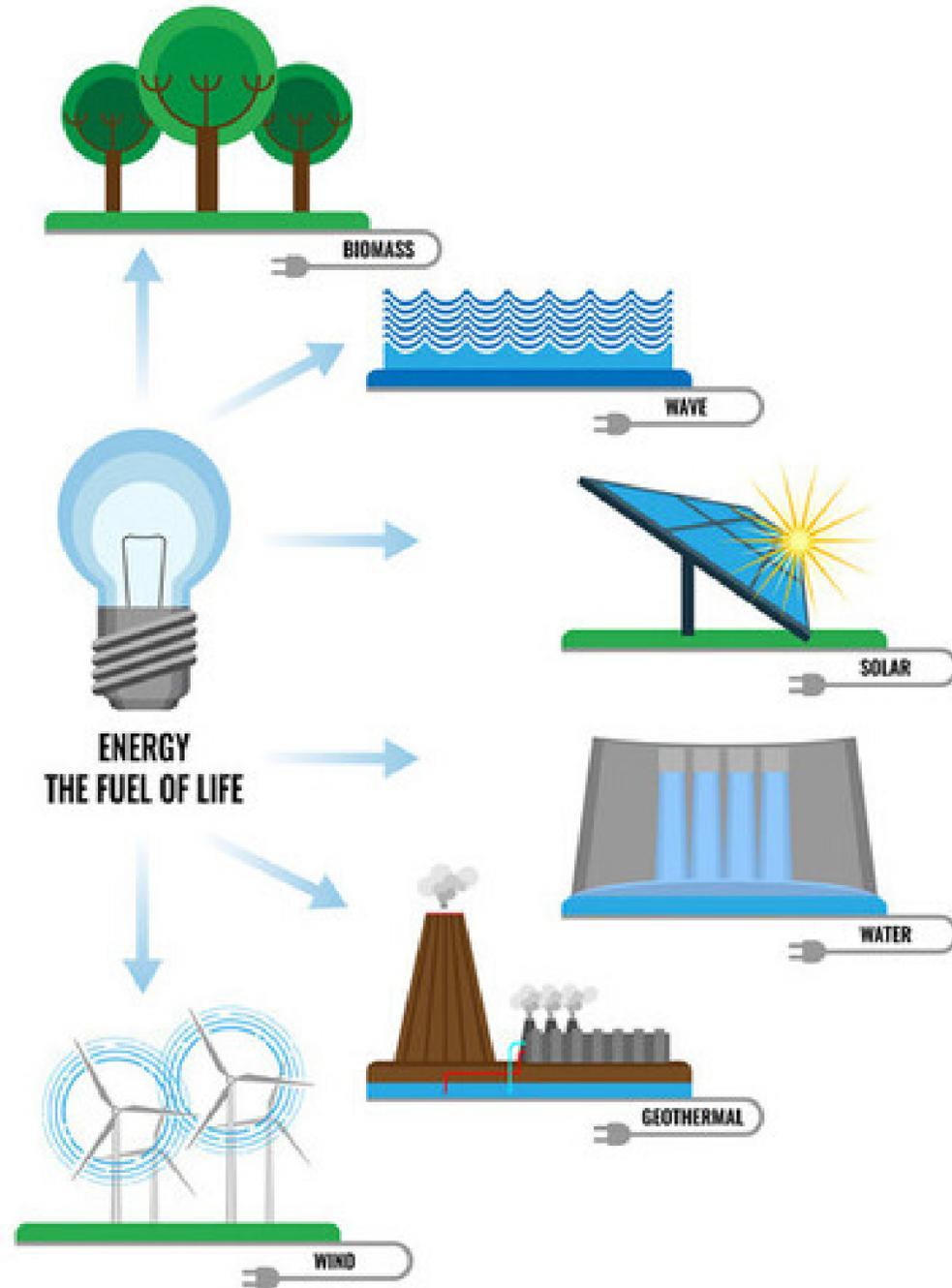
Some examples are: Solar energy, Wind energy, Geothermal energy, Hydro energy, etc.

Non-Renewable Energy

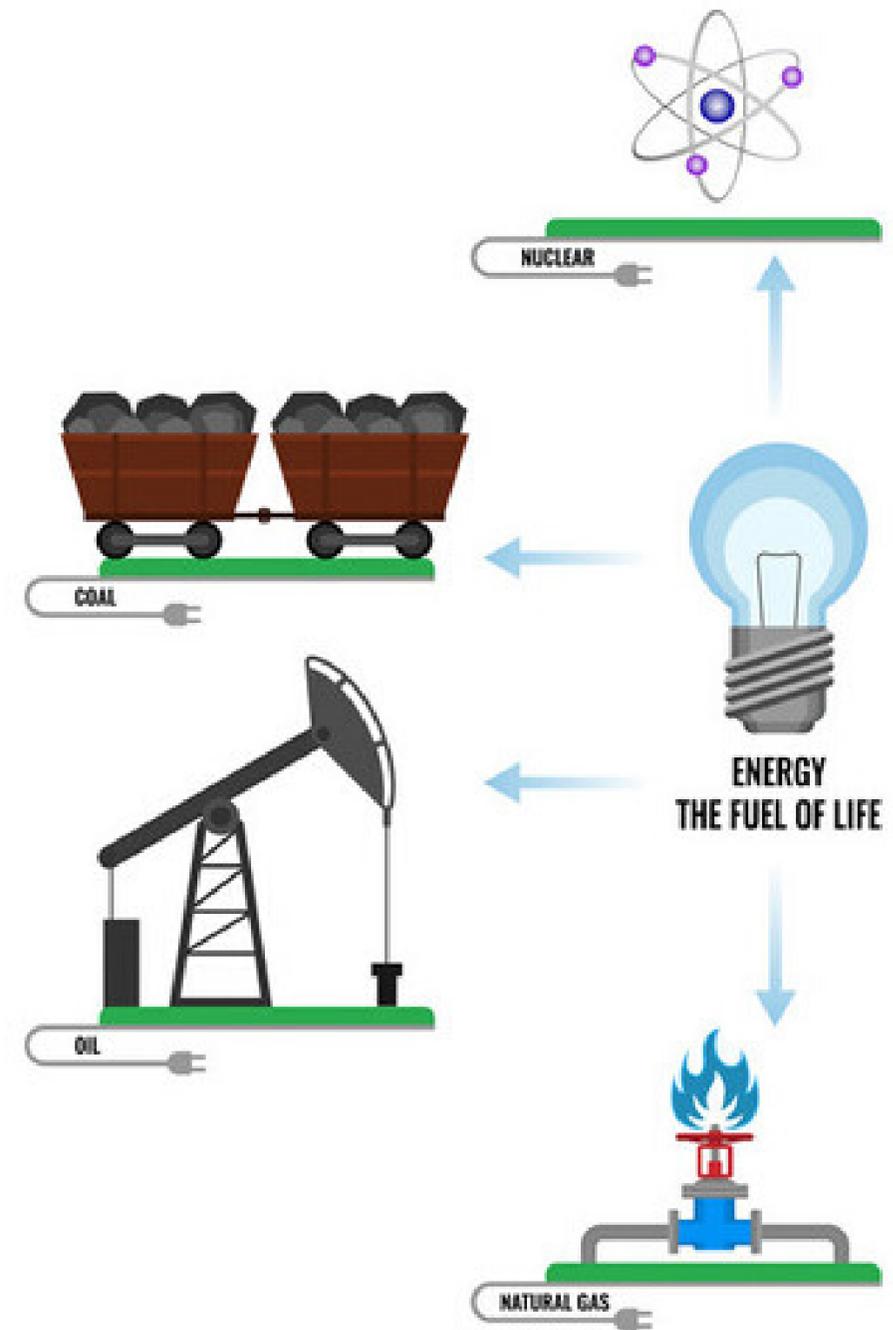
Non-renewable energy comes from sources that will run out or will not be replenished in our lifetimes—or even in many, many lifetimes. Some examples are: energy generated from combustion of fossil fuels, coal, gas, etc.

ENERGY SOURCES

RENEWABLE ENERGY



NON-RENEWABLE ENERGY



WHY CONSERVE ENERGY

Considering we have limited quantity of non-renewable energy resources available on earth, it is very important to preserve energy from our current supply or to utilize renewable resources so that it is also available to our future generations.

We, therefore, have a responsibility in hand to conserve and save energy as much we can to make it available for the coming generation and protect our environment from further degradation.

HOW TO BE ENERGY EFFICIENT

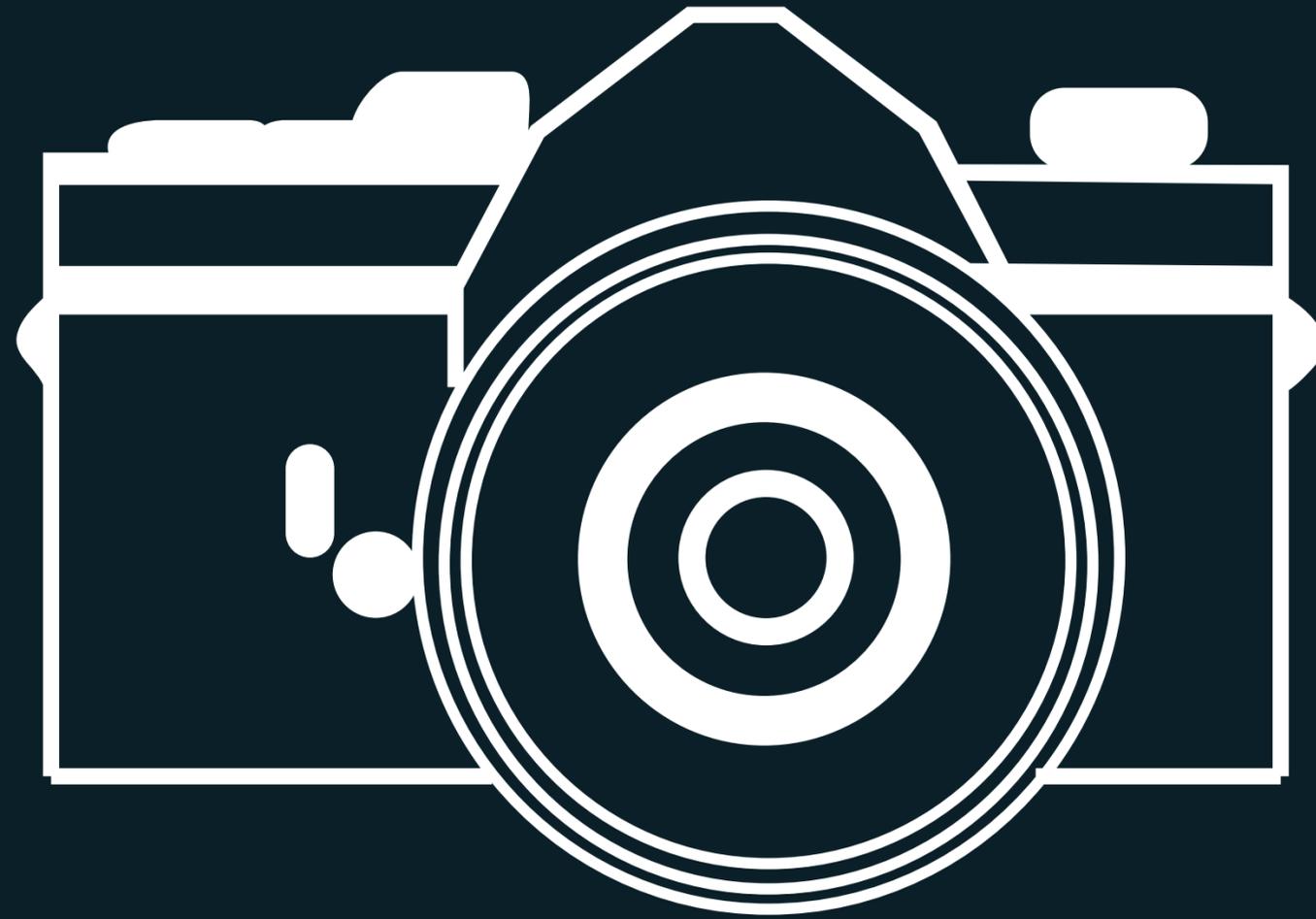
- Turn off all electronic devices that are not in use. Not only turn them off but remember to **unplug them**. You will be surprised how much you will save with this simple step!
- Replace old light bulbs with energy saving fluorescent bulbs. They may cost more, but will save you much more in the long run.

AT HOME:

- We should not keep lights unnecessarily switched on.
- Reduce the energy your appliances consume by analysing star ratings.
- Improve your water heating efficiency to reduce energy costs.

AT PUBLIC PLACES:

- Switch off the fans and lights in the places like bus terminal and railway stations when not necessary.
- Switch off the street lights during day time.
- Big Hoardings, lightened up for the whole evening and nights are other wastage of power which can be and should be avoided.



LETS BEGIN
DARK PHOTOGRAPHY!

WHAT ALL YOU WILL NEED

CAMERA

Phone, Handycam, Polaroid,
DSLR or any other camera

DARK PLACE

For this activity, you would have to
select a dark place anywhere at
your home for taking the photo
shots

NATURAL LIGHT

You have to ensure you do
not use any artificial light
light like LEDs, Bulbs, etc. Use
of only Diya, Candle or
Moonlight.

PARENTS' HELP

Get your parents involved in helping
you arrange the things and assisting
you with the idea of the photography,
etc.

STEP 1

Visualise the theme you would like to capture. Example: candle-flame, night-sky, etc.

STEP 2

Set up the place where you will capture the photo and make sure there is no artificial light like lightbulb, LEDs glowing in the background. For shots inside home, switch off lights of the room and then begin.

STEP 3

Once you have found a dark place, identify a natural light source that you will use for your photo. If you are using candle or diya, arrange it and place it in the desired place in. Lit them with parents' help and begin!

STEP 4

Set up your camera, check battery and settings like brightness, exposure, etc.
NOTE: DO NOT USE FLASH LIGHT during shots as it is an artificial light.

GET STARTED.

RULES AND REGULATIONS:

NUMBER OF ENTRIES

Submission of only **one** entry is allowed per participant.

FORMAT

Accepted formats are JPG, JPEG and PNG.

PHOTO ENHANCEMENT

Basic editing, including colour enhancement, the use of filters, and cropping of the Photo is acceptable.

NO PLAGIARISM

Entries must be original and your own work.



DARK PHOTOGRAPHY!

Submit your entry at: **Children's Section (Submit Assignment).**

Image Source: <https://churchothecorner.org.uk/archive/advent2015/candles/>
Accessed on: December 05, 2019