



Learning Outcomes: - Each child will be able to –

- list at least 3 ways and efforts we can make to combat Global Warming.

DOING OUR BIT TO REDUCE GLOBAL WARMING

The Environment and its **natural resources have to be conserved** for our own needs and for future generations. Special efforts have to be made to reduce the process of global warming. But this is easier said than done.

Government alone will not help. All of us should realise **how important it is protect the environment**

Healing the planet starts in your own garage, in your own kitchen and at your dining table. Nations around the world are upping their fight against climate change, signing agreements. Pledging that they are in when it comes to supporting the goal of limiting future warming well below 2°C.

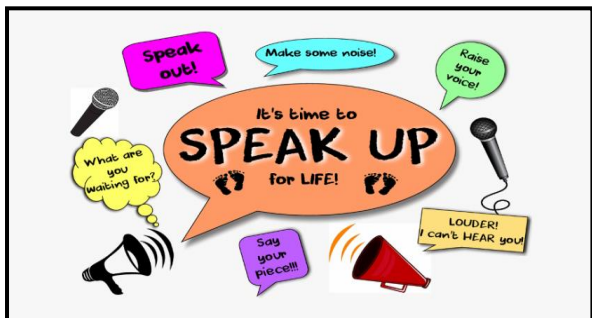


It's important to remember the equally vital contributions that can be made by local citizens- which is to say, by **YOU**. "Change only happens when individuals take action" and there is no other way.

The goal is simple. **Carbon-di-oxide is the climate's worst enemy**. It's released when oil, coal and other fossil fuels are burned for energy- the energy we use to power our

homes, cars and smart phones by using less of it we can curb our own contribution to climate change while also saving money.

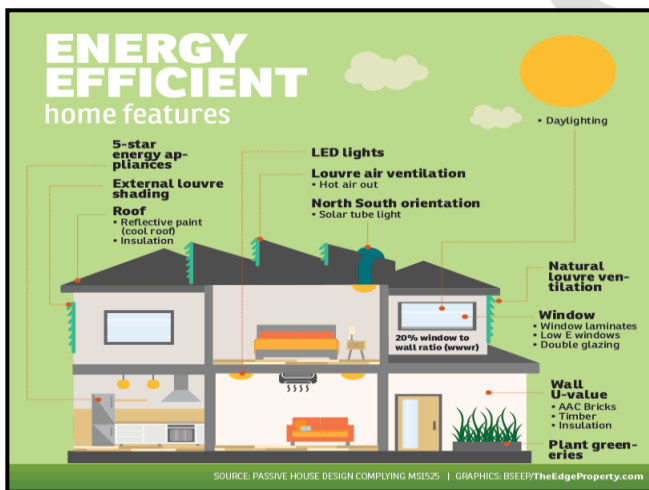
Here are **easy, effective ways** in which each one of us can make a difference-



1) **SPEAK UP!** - What's the single biggest way you can make an impact on global climate change? "Talk to your friends and family, and make sure your representatives are making good decisions."

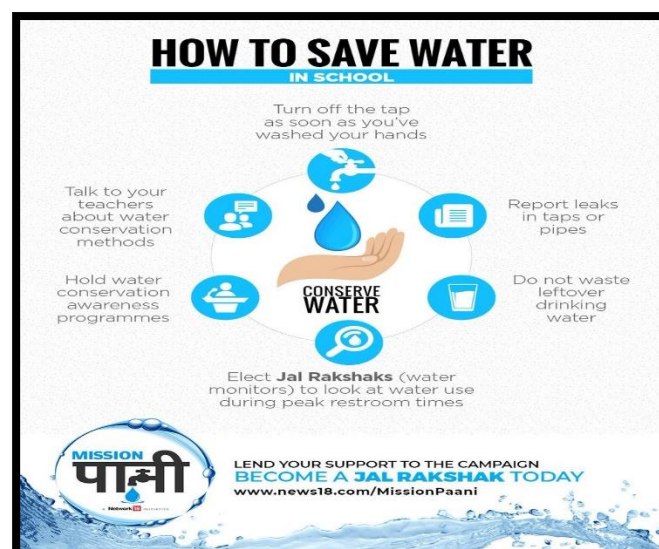
2) POWER YOUR HOME WITH RENEWABLE ENERGY

- Choose a utility company that generates at least half its power from wind or solar and has been certified by **Green-e-Energy**, an organisation that uses renewable energy options.



2) **WEATHERIZE, WEATHERIZE, WEATHERIZE** - Building, heating and cooling are among the biggest uses of energy. Indeed, heating and air-conditioning account for almost half of our home energy use. So, **make your space more energy efficient** by sealing vents and ensuring adequate insulation.

3) **REDUCE WATER WASTE** - Saving water reduces carbon pollution, too. That's because it takes a lot of energy to pump, heat and treat your water. So, **take shorter showers, turn off the taps while brushing your teeth and switch to water sense labelled fixtures and appliances.** This would avoid at least 80,000 tonnes of global warming pollution!!



- 4) **INVEST IN ENERGY EFFICIENT APPLIANCES** - Such appliances have successfully kept 2.3 billion tonnes of carbon-di -oxide out of the air. **Energy efficiency is the lowest- cost way to reduce emissions.** When shopping for refrigerators, washing machines and other appliances, look for **energy star label.** This will tell you which are the most efficient.
- 5) **BE A VEGETARIAN AND AVOID WASTING FOOD** - If you are wasting less food, you are likely cutting down on energy consumption. **Eating meat free meals** can make a big difference as a lot of energy goes into growing, processing, packaging and shipping non vegetarian food.



- 6) **BUY BETTER BULBS** - LED light bulbs use upto 80% less energy are also cheaper in the long run.
- 7) **PULL THE PLUGS** - Do not leave fully charged devices plugged into your home's outlets **unplug all rarely used devices** and adjust your computers and monitors to automatically power down to the lowest power mode when not in use.



- 8) **DRIVE A FUEL-EFFICIENT VEHICLE** - Gas- smart cars, such as hybrids and fully electric vehicles save fuel and money. **REMEMBER TO GET YOUR VEHICLE'S POLLUTION UNDE CONTROL CHECK.**

9) **USE CARPOOLS** - This saves a lot of harmful emissions from being leaked into the environment and is economical too.

10) **MANAGE YOUR WASTE** - With increasing population, the amount of waste generated also keeps increasing. We can minimise the waste by adopting the 3R's principle of waste management. The 3R's refer to 3 smart ways to get rid of the waste and protect the environment - **Reduce Reuse and Recycle**. Also never forget to sort your waste into the blue (non bio-degradable) and green (bio-degradable) dustbins.



11) **GROW GREEN TO GO GREEN** - Plant trees in your school, at home, and in your neighbourhood. They are our best friends.



For a quick recap, click on the following links:-

- <https://youtu.be/-D Np-3dVBQ>
- <https://youtu.be/mNf2bvdTqV4>
- <https://youtu.be/a1zaiF4GieI>
- <https://youtu.be/DKDq1RMHscQ>

LET'S REVISE

(To be done in the notebooks)

Q1. Draw and List any 5 ways in which YOU can help to reduce global warming.

Q2. Put me in my right place-

Egg Shells, Plastic Bag, Glass Bottle, Newspaper, Fruit peels, rotten vegetables, Leftover food old magazine, waste cloth, used tea leaves



LIFE SKILL

(To be done in the notebook)

A life skill



I. How green are you? Discuss with your partner and tick (✓) the things your family and you do.

1. Do you use a car pool?
2. Do you and your family sometimes use public transport?
3. Do you use natural colours for Holi?
4. Do you tell people not to burn leaves in the park?
5. Do you walk or use a bicycle for going to nearby places?
6. Do you tell your parents not to use plastic bags?
7. Do you reuse paper bags that you get from the market?
8. Do you sell old newspapers, to be recycled?
9. Do you ever buy greeting cards and envelopes that have been printed on recycled paper?
10. Do you throw garbage at the proper dumping place?

