



KNOW YOUR ENVIRONMENT

And how you can help it!



Climate Change

SAVE ENERGY

What is the difference between weather and climate?

Weather is what scientists call day to day changes of the outdoor temperature and the coming sun, rain, or snow. Weather might tell us about a blizzard that turned into a flood after just a few warm Spring days. Climate describes how the weather has been in a larger area for a very long time, maybe 30 years or more.

How is climate change effecting the Earth?



What is climate change?

Climate change is what scientists watch to tell if our weather will be getting hotter in the summer and colder in the winter over the coming years.

Ocean water change?

Ocean water is also changing and may become more acidic and harmful for plants and animals. Scientists have seen that the ocean is becoming more acidic as our air gives off more carbon dioxide.

Glaciers change?

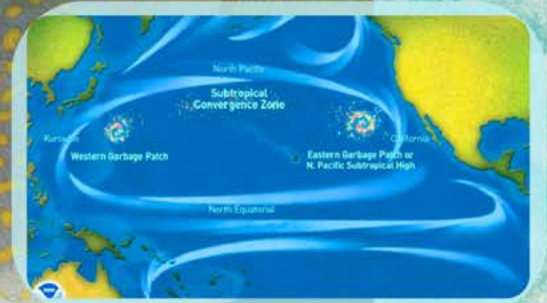
Glaciers and sheets of ice on land are melting as our Earth warms. As the ice melts, it flows into the oceans. More water in the oceans makes the sea level higher.



Garbage Patches

Marine junk is harmful to the plants and animals that call the ocean home. A large floating landfill between California and Hawaii and also between Hawaii and Japan is called the Great Pacific Garbage Patch. Wind and currents carry the garbage into one of five large areas with rotating ocean currents. The rotation of the current draws in and traps solid matter such as plastics.

The Great Pacific Garbage Patch is not a solid block of compacted plastic. Instead, it contains a mixture of larger objects and a soup of microplastics. The size of the patch is continuously getting larger and scientists are working on ways to gather the microplastics and protect the ocean animals.



Ways WE can help!!

Help with trash clean ups around your home and in your community!

Use or UPcycle items you already have on hand



Preventing PLASTIC AND TRASH from entering the ocean is the best way to prevent the growth of the Great Pacific Garbage Patch!

Reduce

Buying single-use plastics

Reuse

Plastic bags and glass jars

Recycle

Help put recyclable items in the recycle bins!

Less Food Waste

ZERO WASTE

Did you know that people may throw away 4 out of 10 of the items they start to eat?



Food that gets thrown away is called waste and may harm our environment. As the wasted food breaks down in landfills, it gives off methane, a stinky gas.

AT HOME



Compost your scraps!

Make a grocery list

- Plan meals to reduce cost and unneeded items
- Double check your fridge and pantry before going to the store
- Take smaller portions at a time and go back for seconds if you're still hungry.

- Composting reduces waste, making us use landfills less. Many items that would usually be thrown away can be composted instead.
- Composting certain food scraps can help enrich the soil and provide nutrients to the plants and microorganisms around it.
- Even composting banana peels and egg shells can make a difference!

Shopping list
1. Milk
2. Eggs
3. Cheese
4. Butter
5. Cream



IN SCHOOLS



MEAL PROGRAMS CAN

- Use leftovers or unsold food that is still safe.
- Order fresh local products in shorter intervals
- Make food easier for kids to eat (example cutting up fruit rather than serving it whole)
- Let kids self serve to reduce overlarge portions.



SAY NO TO FOOD WASTE

Reduce the amount of food wasted by determining how much is needed

Donate extra, unexpired food items to local food banks soup kitchens and shelters

Use food scraps as animal feed

Compost

Less Landfill





Recycling



WHAT IS RECYCLING ?

Recycling is how we take trash and use it in new products!

Aluminum Cans

The cans are first shredded and then melted. From there, the aluminum can be used to make new cans and other aluminum items.



Plastic Bottles

Plastic bottles are sorted, cleaned, then crushed or shredded into fine plastic chips to melt down to create new plastics or fibers to make carpets or clothing.



Paper

Paper is recycled by being mixed with water and other chemicals to break it down, shredded, heated, and turned into mush called slurry. Strainers and cleaners take out glues, plastics, inks, and colors to make it into new paper.

Computers and Batteries

Computers and batteries are usually recycled to remove harmful chemicals as well as to collect some valuable materials such as **GOLD** from electronics boards.





Sustainability



It's the Little Things That Count

Sustainability is about small changes we can make to help our planet and protect animals, plants and nature so that more people will be able to enjoy them.

ECO FRIENDLY



Why Not Go Camping?

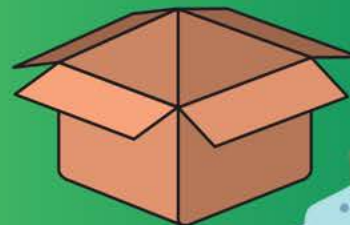
Camping is an excellent and sustainable choice for getting away for the weekend.. Spending time in nature and using the car less helps our air. Take a walk!



Package with Paper

Choose paper or cardboard packaging when available.

Paper is 9 times more likely to be recycled than plastic packaging!



Plant a Garden!

If you have outdoor space, create a vegetable patch. If you have a balcony, plant in a pot!

Radishes, carrots, tomatoes, and beets are generally easy to grow.

Creating a garden is a fun and great way to eat more sustainably!



What Can I Do?

You chose a cloth bag for shopping!



You used something you would normally throw away for something else - even an art project!



**Woo!
Hoo!**



You reused a bottle, forks, spoons and plates rather than throwing away!



Collect recyclable materials, like aluminum cans and plastic bottles.

Use old materials and make new items.

Buy items made from recycled materials





COLOR TO MAKE
A HEALTHIER
PLANET!
EDUCATE!

