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SYNERGY = ENERGY

How much energy do we have on the earth? No one knows for sure, but it's definitely not going to last forever. We're going to run out someday, so it would be in the best interest to save it and use it wisely. Many, many cities in the world conserve energy, but is it enough? Dublin can and will be able to conserve energy in many different ways. Energy conservation is not impossible! We as a community encourage conservation, but for you, the average person here is a list of ideas.

We can use solar panels! It's simple. Dublin has already encouraged the production of solar panels by installing them for the local library. YOU as a person in this beloved community can help. Solar panels are being produced quicker and cheaper than ever before-the cost of solar panels has dropped with the price now being around three dollars. Solar panels have become new and improved with more for less. Not only are solar panels cheaper compared to electricity, but they are also more efficient, giving TWICE the amount of light than your average light bulb. Dublin has done its job by showing you what these panels can do, but now, show Dublin what you can do.

Solar panels are a great way to conserve energy, but of course there is more. Do you keep a plug in its socket when you are not using it? If so, try unplugging it. No one expects you to take out your TV, but, by unplugging even the smallest things, you can save up to \$60 worth of energy. Prevent these so-called "phantom loads" of energy, all it takes is a little tug!

Now, let's talk about the AC. Yes, when it is hot, we instinctively turn on the air conditioning. But, do you ever think that the AC takes so long to finally make the air a little colder? If you thought so, why have you never tried a fan? Not only is it saving the precious energy, but fans work in HALF the time the AC does, and they cool the air by 5-10 degrees colder.

If you still think that you cannot afford or do these, here is one last one, the most simple of them all. Turn off the light if you are not using it. Many people leave the light on at noon, or forget to turn off the light in the morning. Light contributes to 10% of your electric bill. Save money and energy. Just shut it off!

We are Dublin. We are the change. We are its people. Dublin has done its part, encouraging solar panels. The energy conservationists have done their part, supporting compact fluorescent light bulbs and fans. Now it is our turn. If we want to make a difference in this wonderful community, we need to start it, and we can start by one flick of a switch.

Ritu Kulkarni

Dublin High School

Mrs. Rubio

Grade 9

Energy Conservation Essay

Energy is a very important resource to humans, and the fact that “58 percent of all the energy we produce is wasted in the US” (“U.S. Waste More Energy Than Any Country” par 1) is something that should not be taken lightly. These high percentages are foreshadowing the issues Earth will go through if this human lifestyle continues. I believe every citizen needs to preserve energy to avoid environmental problems and to keep the Earth free of instability. Conserving energy has many benefits towards the community, including the ideas that it can lower global warming and prevent the ozone layer from further damage.

Primarily, conserving energy is a helpful way to make the environment healthier because it will reduce, or even completely terminate, global warming. The more we ignore energy conservation, “the more CO₂ we release into the atmosphere, and the more we contribute to the buildup of GHGs” (“Global Warming: It’s About Energy” par 4). The energy wasted through machines like cars release an abundance of CO₂, which causes the carbon cycle to go off track. The carbon traps extra heat in the atmosphere and causes the greenhouse effect to occur. This excessive heat forms global warming that further harms the Earth by melting glaciers and increase sea levels. To lower global warming, people must walk to places, use clean air vehicles, or use bikes. This can lower carbon dioxide in the atmosphere as well as further stop energy consumption to occur.

Another reason why energy conservation is a step towards a better world is because it can prevent the ozone layer from further getting damaged. The ozone layer is extremely important because it protects humans from dangerous rays. Using ozone depleting substances (ODS) "account for roughly 90% of total depletion of ozone layer in stratosphere" ("Ozone Layer and Causes of Ozone Depletion" par 10). These cause the ozone layer to thin down and allow harmful UV rays to easily enter the atmosphere. These strong beams are prone to cause skin cancer and diseases to form in humans. Using air conditioners and refrigerators that are not eco-friendly are a few causes of ozone depletion, therefore buying energy efficient supplies will help terminate ozone depletion caused by man.

In conclusion, carrying out small helpful actions that lower energy consumption are necessary to people as it makes the Earth a safe place to live. Using less gas while transporting, and buying energy efficient home supplies are just some ways we can maintain our land. This allows global warming and ozone depletion to cut down. Energy conservation is one of the greatest ways to keep life admirable. The world is a precious place where things damaged are tough to be repaired, so keeping Earth clean and healthy by using energy wisely is the best way to avoid damage.

Sashank Gadiseti
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6th Grade; Mr. Clay

THE FUEL OF THE UNIVERSE

An automobile runs on gasoline. A computer runs on electricity. Both gasoline and electricity are forms of energy, the fuel of the universe. Without energy the world would be motionless, as still as a statue. Dublin is a very engaged and astonishing city. I am very proud to be a part of this fine city. However, there is always room for improvement. Being smart about energy is one way to enhance the city of Dublin.

Energy conservation can be done in many ways. Some are as simple as turning off a light in a room nobody is using. Others can be a bit more advanced like switching to using solar energy. Solar power will cost you less and will be a superior option for the environment. Solar energy is a renewable energy source, meaning we have an unlimited supply of it. On the contrary, fossil fuels like gasoline pollute the air. In addition, we have a limited supply of fossil fuels and the more we use them, the more scarce they become.

Another simple way for preserving energy is by switching to compact fluorescent light bulbs(CFL). If you are using standard light bulbs you're making a mistake. CFL bulbs provide the same amount of light using less energy, letting you save money on your electricity bill every month. The standard light bulb uses a lot of energy creating heat. On the other hand, CFL bulbs use 10% of that energy to provide only light.

Using Energy Star certified technology is another great way to save energy. If you just bought a house, or you want to replace your appliances with newer ones, try to buy Energy Star appliances. It will save electricity, and it will save your money too. These energy star machines are more eco-friendly.

Make a difference in Dublin. Be energy smart and make where you live a better place to live. Saving energy will not only help you, it will help whole world. Even simple things like carpooling with friends can save energy. Let's make Dublin the smarter and more efficient city you would like to live in.

Amrit Dulku
Grade 4
MS Lettau
James Dougherty Elementary School

ConServing Energy

I am proud to be a Dublin citizen. Dublin is a beautiful and clean city. If every Dublin citizen does their part of conServing energy Dublin will be an even better city in U.S.A.

Imagine a world without electricity. There would be no Showers, ovens, lights and many modern gadgets that make our life easier. We can stop running out of energy by conServing energy. ConServing energy is good to do because it saves electricity, and it is minimizing pollution.

There are several simple methods we can follow in conServing energy. One reason is conServing energy is good to do because it saves electricity. For example, you could turn off your air conditioner. You could also keep it under 68 degrees Fahrenheit when you're away or sleeping. You could also turn off your lights if you're not using them too.

Another reason conserving energy is good to do is because it minimizes pollution. If we ride our bikes and not our cars we minimize pollution. We can create less pollution and also get rid of traffic situation in rush hour. Sea pollution can stop by not ruining the ocean. You can prevent sea pollution by taking care of our bay, using recycle bottles and bags to prevent garbage going to the sea.

Other people should care about this because it will save our planet earth. Start conserving energy now instead of wasting it.

Student: Eliana Tang
School: John Green Elementary
Teacher: Mrs. Carley Kennedy
Grade: 3

What does Energy Conservation mean to you?

By: Eliana Tang

To me, energy conservation means saving money, protecting animals, and living differently.

Energy is expensive, and it costs even more when it is made without damaging the environment. For example, we build a dam to make hydroelectricity, but fish can't jump over the dam to lay eggs. Fish ladders can help the fish, but they cost money. Using less electricity can save both the cost and the fish.

Using less energy can save money when buying the energy. I don't always have to use that much energy. The lights in my room are often kept on when I don't need them. If I save energy I will have more money to spend on things that are more important to me, such as buying school supplies for students who can't afford them.

Saving energy means thinking differently everyday. Instead of driving to the store many times to prepare for my new school year, I can make a shopping list and only go to the store once to save gas; I can wear more or fewer clothes instead of turning the heater or air conditioner on; I can buy energy saving light bulbs instead of the traditional ones. In short, being a smart energy consumer!

To me, conserving energy means being a responsible citizen because everyone counts. I need to do my part - walk to school everyday; finish homework before sunset; reuse and recycle; learn science and technology like Sara Volz who invented cheap and green power. Isn't it fantastic? Yeah!

✓ Manvi Gadiseti
Dougherty Elementary

Saving Energy

1st grade

Ms. Boggs

Energy is very important part of the world. Energy makes things move. I live in Dublin. It is a city. I am proud to live in Dublin. Since energy is very important, I will teach you some tips on how to save energy.

Turning off the "lights" in a room when you're not using. Always remember to turn off the electronics after you use them. Try to take shorter showers. In that way you can save water as well as energy. When you are taking shorter showers you use less hot water. Heating the water uses lots of energy.

Walk or bike to school instead of riding a car. Walking is good for your health and it also saves some energy. By saving energy, we could make our planet the best it can be. Dublin is one of the greatest cities in the world!