

Announcements: Energy Saving Tips for Students and Staff

Lighting

1. You can save energy every day. One way to save energy on a sunny day is to open the curtains or blinds and use the sunlight instead of turning on the lights.
2. You can save energy every day. To save energy at school and at home you can turn off lights every time you leave a room empty.
3. LED light bulbs save energy. They produce the same amount of light, use much less electricity, and last up much longer than incandescent light bulbs.
4. You can save energy every day. You can save energy at home and at school by replacing incandescent light bulbs with LED bulbs.
5. You can save energy every day. You can save energy by using LED light bulbs. Incandescent light bulbs waste energy because some of the energy they use is lost as heat.
6. You can save energy every day. You can save energy at home and at school by replacing incandescent light bulbs with compact fluorescent light bulbs.
7. You can save energy every day. You can save energy at home and at school by replacing incandescent light bulbs with compact fluorescent light bulbs.
8. If 10,000 schools turned off their lights for one minute, \$81,885 in energy costs could be saved. You can save energy every day by turning off the lights every time you leave a room empty.
9. You can save energy every day by using natural sunlight instead of overhead lights.
10. You can save energy every day by using lights only where they are needed.
11. You can save energy every day by using task lamps with compact fluorescent bulbs on desks.
12. You can save energy every day. Every time you turn off a light when you leave your classrooms and other rooms empty, you are saving energy and helping the environment.
13. We can all save energy every day. We can save energy and our environment by opening curtains, blinds, and shades on mild sunny days. Let the sunshine light up the room and turn off the lights.
14. We can all save energy every day. We can save energy and our environment by thanking our classroom energy monitor for remembering to turn out the lights and close the door when we leave the classroom empty.
15. We can all save energy every day. We can save energy and our environment by using energy saving light bulbs like LED bulbs.

16. We can all save energy every day. We can save energy and our environment by using task lamps to light just the area where we are working instead of lighting the whole room.
17. We can all save energy every day. We can save energy and our environment by replacing incandescent light bulbs with energy efficient light bulbs.

Renewable vs. Nonrenewable Energy

1. Most of the energy we use today is produced by burning fossil fuels. Coal, oil, and natural gas are the fossil fuels burned to make electricity. Burning fossil fuels to produce electricity pollutes our environment.
2. Renewable resources can be used to produce electricity. Renewable resources do not pollute or destroy the environment.
3. Much of the electricity used by Maryland consumers is produced by burning coal. If you use electricity, you are consuming a non-renewable fossil fuel.
4. Almost 50% of the electricity used in the United States comes from burning coal. Only one third of the energy from burning coal reaches the consumer as electricity.
5. According to the American Solar Energy Society, enough sunlight falls on the earth's surface each minute to meet environment energy demand for an entire year.
6. Sunlight is a renewable resource. Solar energy from the sun's rays can be converted in other forms of energy. Solar energy can be converted to electricity.
7. We can all save energy every day. We can save energy and our environment by not wasting natural resources or products that come from natural resources, like paper and pencils.
8. We can all save energy every day. We can save energy and our environment by using solar energy instead of energy made from burning fossil fuels.
9. Two renewable resources that can be used to produce electricity are sunlight and the wind. Solar energy from sunlight can be used to make electricity. Wind turbines can use the wind to make electricity.
10. We can all save energy every day. We can save energy and our environment by asking our parents to find out if our power company sells green energy, usually made from wind or the sun.

Recycling

1. Recycling means to use something again. Newspapers can be used to make new newspapers. Aluminum cans can be used to make new aluminum cans. Glass jars can be used to make new glass jars. Recycling often saves energy and natural resources through conservation.

2. You can save energy every day. You can save energy at home and at school by recycling paper.
3. We can all save energy every day. We can save energy in our classrooms by reusing paper that only has printing on one side.
4. We can all save energy every day. We can save energy and our environment by not drinking water from disposable plastic bottles. Making plastic water bottles uses energy. Refilling a non-disposable bottle uses less energy.
5. We can all save energy every day. We can save energy and our environment by using last year's school bag instead of getting a new one. Making new school bags uses energy.
6. We can all save energy every day. We can save energy and our environment by using paper products made from recycled paper.
7. We can all save energy every day. We can save energy and our environment by recycling all drink cans and bottles.
8. We can all save energy every day. We can save energy and our environment by putting left-overs in re-usable containers instead of plastic wrap.
9. We can all save energy every day. We can save energy and our environment by using both sides of each piece of paper, printing and copying double-sided, and erasing instead of starting over on a new sheet of paper every time we make a mistake.
10. We can all save energy every day. We can save energy and our environment by recycling newspaper, aluminum cans, and glass.
11. We can all save energy every day. We can save energy and our environment by using reusable cloth bags instead of plastic shopping bags.

General

1. Saving energy means saving money, burning fewer fossil fuels, and helping to protect our environment. There are lots of ways to save energy.
2. All of us use energy every day—for transportation, cooking, heating and cooling rooms, manufacturing, lighting, and entertainment. The choices we make about how we use energy— turning machines off when we're not using them or choosing to buy energy efficient appliances—impact our environment and our lives.
3. About 25% of the energy used in schools is wasted. You can help save energy at school by avoiding waste whenever possible.
4. There are many things we can do to use less energy and use it more wisely. Two main ways to save energy are energy conservation and energy efficiency. Many people think these terms mean the same thing, but they are different. What do you think is the difference between efficiency and conservation?

5. Energy conservation is any behavior that results in the use of less energy. Turning the lights off when you leave the room and recycling aluminum cans are both way of conserving energy.
6. Energy efficiency is the use of technology that requires less energy to perform the same function. An LED light bulb that uses less energy than an incandescent bulb to produce the same amount of light is an example of energy efficiency. The decision to replace an incandescent light bulb with an LED one is an example of energy conservation.
7. You can save energy every day. You can save energy and money at home by riding your biking, walking, or taking the bus around town instead of riding in a car.
8. You can save energy every day. You can save energy and money at home by asking your parents to caulk and weather-strip around windows and door frames that leak air.
9. Your house pollutes the environment more than your car does. The energy used in your home adds more greenhouse gases to the atmosphere than the gas used by your car.
10. We can all save energy every day. We can save energy in our schools by reporting leaks or maintenance problems to our teachers and asking them to report them to the principal.
11. We can all save energy every day. We can save energy and our environment by teaching others about being environmental stewards.
12. We can all save energy every day. We can save energy and our environment by telling our parents about the energy savings ideas we hear about in school.
13. We can all save energy every day. We can save energy and our environment by encouraging our friends to save energy at home and at school.
14. We can all save energy every day. We can save energy and our environment if we stop making excuses about why we cannot save energy.
15. We can all save energy every day. We can save energy and our environment by reminding each other to save energy.
16. We can all save energy every day. We can save energy and our environment by asking our parents not to let the car idle while waiting to pick us up.
17. We can all save energy every day. We can save energy and our environment by carpooling with friends when possible.
18. We can all save energy every day. We can save energy and our environment by asking our parents to plant deciduous trees in our yard to shade our house in the summer.
19. We can all save energy every day. We can save energy and our environment by teaching others how to save energy.
20. We can all save energy every day. We can save energy and our environment by asking our parents to buy food grown close to our homes.

21. We can all save energy every day. We can save energy and our environment by thanking those who are saving energy.

Water & Water Heating

1. You can save energy every day. You can save energy and money at home by asking your parents to insulate the hot water tank and lower the water temperature to 120° or lower.
2. You can save energy every day. You can save energy and money at home asking your parents to use cold water to wash the clothes.
3. You can save energy every day. You can save energy and money at home by only running the dishwasher when it is full.
4. You can save energy every day by taking 5-minute showers instead of baths.
5. You can save energy every day. Every time you turn off the water while you brush your teeth, you are saving energy and helping the environment. Did you know that saving water also saves energy? Cleaning water so to drink, bathe, and cook uses energy. So, turn off the water to save energy.
6. We can all save energy every day. We can save energy and our environment by making sure that faucets do not leak.
7. We can all save energy every day. We can save energy and our environment by reminding our parents to run the washing machine, dryer, and dish washer only with full loads.
8. We can all save energy every day. We can save energy and our environment by pouring water or ice on plants instead of throwing it away.
9. We can all save energy every day. We can save energy and our environment by washing our clothes in cold water.

Electronics/Appliances

1. You can save energy every day. At home, open the dishwasher right before the drying cycle begins and let the dishes air dry.
2. We can all save energy every day. We can save energy and our environment by buying energy efficient appliances and electronics.
3. You can save energy every day. One way to save energy at home is decide what you want before you open the refrigerator. If you leave the refrigerator door open too long, the refrigerator motor must run longer to cool the warm air that got in when the door was open.
4. We can all save energy every day. We can save energy and our environment by turning off ceiling fans when we leave the room empty.

5. You can save energy every day. To save energy at school and at home, you can turn off lights, computers, and anything that uses electricity when you are not using them.
6. Ceiling fans only cool people, not rooms. You can save energy, money, and the environment by turning off ceiling fans every time you leave a room empty.
7. You can save energy every day. You can save energy and money at home by unplugging cell phone chargers when the device is fully charged.
8. We can all save energy every day. We can save energy and our environment by turning off everything that uses electricity when we are not using them.
9. Electronics, such as TVs, DVD players, computers, and computer monitors, waste a lot of energy if left on when they are not being used. You can save energy by plugging electronics into power strips and turning the power strips off when the equipment is not being used.
10. You can save energy every day. In the computer lab or in your classroom, you can turn off the computer monitor when you are finished using the computer.
11. You can save energy every day. At home and in school, set your computer to go into sleep mode when it is not being used. Turn off the monitor when you leave the computer.
12. You can save energy every day. To save energy at home and at school, avoid using a screen saver on your computer monitor. Screen savers use energy. Choose Hibernate or Sleep mode instead.
13. You can save energy every day. At home and at school, turn off the computer at night when no one will be using it. Some computers at school may have to receive updates, it is okay to leave those computers on overnight, but put them in Sleep mode.
14. You can save energy every day. You can save energy and money at home by turning off your entertainment devices when you are not using them. Estimates are that if you leave a game console on all the time, it will cost about \$250 a year.
15. The Department of Energy estimates that about 20% of the energy you use at home powers electrical appliances like televisions, DVD players, stereos, coffee makers, toasters and microwaves - even when they're turned off.
16. You can save energy every day. You can save energy, money, and the environment by reducing the number of energy vampires in your house or classroom. Look around your classroom. Do you see small red, green, or white lights glowing? Those are energy vampires. The electronics with the glowing lights are using energy even when they are turned off. To save energy, unplug electronics with glowing lights.
17. You can save energy every day. Every time you read a book instead of watching television, you are saving energy and helping the environment.
18. We can all save energy every day. We can save energy in our school by reminding teachers to turn off unused electronic equipment.

19. We can all save energy every day. We can save energy and our environment by turning off the television when no one is watching it.
20. We can all save energy every day. We can save energy and our environment by turning off air conditioners, heaters, fans, and electronics when we leave our classrooms to go on field trips.
21. We can all save energy every day. We can save energy and our environment by reminding our teachers to turn off projectors and ceiling fans when we are leaving the classroom.
22. We can all save energy every day. We can save energy and our environment by unplugging all electrical devices that we will not be using.

Heating/Cooling

1. You can save energy every day. One way to save energy is to close the door and window when the air conditioner or heater is on. Leaving doors and windows open while running the air conditioner or heater wastes energy by making the A/C or heater work harder.
2. You can save energy every day. To save energy at school and at home, you can set the thermostat between 72° and 78° for cooling and to set it back to 80° when no one is in school or at home.
3. We can all save energy every day. We can save energy in our classrooms by keeping the heater thermostat set between 68-72° and the air conditioner set between 72-78°.
4. You can save energy every day. You can save energy and money at home by asking your parents to install a programmable digital thermostat.
5. You can save energy every day. You can save energy and money at home and at school by dressing appropriately for the weather. In summer, wear light clothes to reduce the need for air conditioning. In winter, put on a sweater and avoid cranking up the heat.
6. You can save energy every day. Every time you put on a sweater instead of turning up the heater, you are saving energy and helping the environment.
7. You can save energy every day. Every time you close the doors and windows when using air conditioners or heaters, you are saving energy and helping the environment.
8. You can save energy every day. You can save energy, money, and the environment by putting clean filters into your heater or air conditioner. Dirty filters block the air flow and make the heater/air conditioner run longer to keep you comfortable.
9. You can save energy every day. You can save energy, money, and the environment by unblocking heater and air conditioner vents. Heater and air conditioners use less energy to pump air when the vents are not blocked with furniture, books, papers, boxes, etc..
10. We can all save energy every day. We can save energy in our classrooms by keeping our doors and windows closed when the air conditioner or heater is on.

11. We can all save energy every day. We can save energy and our environment by opening curtains, blinds, and shades on cold sunny days. Let the sunlight help heat up the room and set the heater thermostat lower.
12. We can all save energy every day. We can save energy and our environment by closing curtains, blinds, and shades on hot sunny days. Keep the sunlight out of the room and set the air conditioner thermostat higher.
13. We can all save energy every day. We can save energy and our environment by turning off air conditioners, heaters, and fans and opening windows when outdoor temperatures are mild.
14. We can all save energy every day. We can save energy and our environment by caulking or weather-stripping around doors and windows to help keep in heated or air conditioned air.
15. Heating and cooling consumes the most energy in American homes each year.
16. We can all save energy every day. We can save energy and our environment by turning off individual room air conditioners or heaters when the rooms are unoccupied.
17. We can all save energy every day. We can save energy and our environment by closing our classroom door every time we leave the room with the air conditioner or heater running.
18. We can all save energy every day. We can save energy and our environment by keeping blinds or shades closed on hot, sunny days.