

Reasons to Save Energy

(work in progress)

Saving energy may require effort, but in the end, it will be all worth it. We can benefit by

- **Reducing pollution** from power plants
- Letting in more natural light which **reduces stress**
- **Saving more money** for schools for more fun activities

IMPORTANT: Electric companies charge you for how much energy they have to make for you based on the time you use it the most; so try to level out when you use your energy and don't just use it all at once. If you slack one day on unplugging power cords it will effect your bill for the rest of the month.



What/Where/Why:

What: We as a school are using a lot more energy than we need. As a class we have put together a bunch of information about energy conservation. We have studied and found that unplugging items is the best way to save, so in turn we have decided to give each class two power cords to make it easier to unplug unneeded items.

Where: We suggest using the power cords **under the 5 computers in your room and under the teachers desk.**

Why: Having power cords will **save both time and money.**



What matters the **most?**

<u>Item:</u>	Com-puter	Pro-jector	Smart board	Pencil Sharpener	Clock	VCR	Mo-nitor	Sci room scales
<u>In Use:</u>	49.5	193	3	69.2	1.4	9.2	47.4	.9
<u>Off plugged</u>	2.5	90	2	0	N/A	6.8	2.1	.6
<u>Un-plugged</u>	0	0	0	0	0	0	0	0
<u>Moving Screen Saver</u>	N/A	N/A	N/A	N/A	N/A	N/A	47.2	N/A
<u>Blank screen saver</u>	N/A	N/A	N/A	N/A	N/A	N/A	47	N/A

Do you know a Watt?

Facts:

- Did you know open classroom doors can **waste \$5 per day** of energy. Close your doors to save money.
- Leaving lights on in an empty room can **waste \$10 per year**. Turn lights off to reduce this.
- For every degree you turn the thermostat above 78 degrees, you can reduce cooling costs by 8 percent or more!
- Leaving a computer on for 24 hours costs about **\$269 a year!** Turn off and unplug to save.



The Do's and don'ts of energy (Please read)

Mr. Wetzel's science class will be periodically checking classrooms to ensure you are using energy appropriately. You will receive a green or yellow sign on your door, depending on how well you are doing, as a reminder. **The following should be put into your daily routine:**

1. Close doors and windows
2. Turn off classroom lights
3. All water faucets off
4. Projector and document camera off
5. Television off
6. Black computer monitors
7. Classroom audio off
8. Printer and speakers off and unplugged
9. Paper is recycled

