

Energy Conservation Digital Scavenger Hunt



Here is a list of the ways our school has reduced its impact on the environment over the last year as part of the Eco-School Program. You have 45 minutes to take your pictures.

Instructions:

1. Your task is to go out in the school and use either a digital camera or your cell phone to take pictures of things that show the changes our school has made to make it more eco-friendly.
2. When you are finished, you will have to upload your pictures to a computer and put them into a quick PowerPoint presentation to show the rest of the class the things that you found. The group that has the best and most complete.
3. DO NOT DISTURB ANY CLASSES THAT ARE IN PROGRESS. BE QUIET IN THE HALLWAYS.

The List of things you need to find that are school has done:

- All the incandescent light bulbs have been replaced with fluorescent or LED blubs that are more energy efficient.
- Set thermostats back to 16 degrees Celsius at night and 22 degrees Celsius during the day. Each degree of setback provides up to 5% energy savings;
- Replaced high flow plumbing fixtures (toilets, shower heads,etc.) with restricted flow models and installing infrared sensors on school sinks to reduce water waste;
- Reduced overall photocopying in schools by 14%;
- Disposed of broken electronic equipment and all hazardous waste in an environmentally responsible manner.
- Participating in the Region of Waterloo's food waste separation (green bin) program.
- Recycles paper (white bin) and other materials (blue bin)
- The "Blended Bicycles" program has students that take discarded bikes and salvage various parts to build "new" blended bikes. The blended bikes are then donated back to the community, helping reduce the need for auto transportation
- Greening projects around the school grounds.
- Replaced old appliances with new Energy Star models

<http://www.energyrevealed.com/thermostat-tips.html>



Analysis Questions:

1. Put a star beside the changes you could make or have made at home.
2. Which change do you think is the easiest to make at your home? Why?

3. Think on one more change you could do at home or at school to conserve energy and reduce your impact on the environment.
