

# Classroom Energy Assessment



## Step 2 -- Green & Healthy Schools Assessment



Complete this assessment for each classroom and use the results to help complete the school-wide assessment.

**Classroom Name/Number:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Teacher:** \_\_\_\_\_ **Grade:** \_\_\_\_\_

**Average number of students/staff using the room each day:** \_\_\_\_\_  
(students/staff)

### A. Survey – number of items in your classroom

#### Appliances

Item	Quantity (No.)
Computers (CPU)	
Monitors	
Printers	
Televisions	
DVD player/VCR	
Fans	
Projectors	
Coffee Pot	
Other:	
Other:	
Other:	

#### Lighting

Type of Bulbs	Quantity (No.)	Average Wattage
Compact Fluorescent		
Fluorescent		
Incandescent		
Halogen		

### B. Temperature

- If your classroom has a thermostat, is it digital and programmable?  
 Yes       No
- If your classroom has a thermostat, what temperature is the thermostat set at? \_\_\_\_\_
- After the classroom has been used for several hours, use a thermometer to measure and record the room temperature at waist height in the following locations:  
 Temperature four feet from outside wall/windows: \_\_\_\_\_  
 Temperature in middle of room: \_\_\_\_\_

Temperature four feet from inside wall: \_\_\_\_\_

Temperature next to thermostat (if found in room): \_\_\_\_\_

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### C. Energy Saving Practices

1. Are any of the survey items listed in Part A turned on in the morning and left on all day? If so, which ones?
2. Are computer monitors turned off after use?  
 Yes       No
3. Are classroom computers equipped with a sleep function or sleep mode software that allows them to “sleep” when not in use?  
 Yes       No
4. Are lights turned off when the room is not in use?  
 Yes       No       Sometimes
5. Are classroom lights controlled by motion and/or photo sensors? If so, what type?\*
- \*Photo sensors automatically turn lights on/off depending on the amount of natural light in the room.*
- \*Motion sensors automatically turn lights on/off based on movement in the room.*
6. Are all light bulbs on when class is in use or can lighting be adjusted to take advantage of natural light when available?

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### D. Recommendations

1. What recommendations can you suggest to conserve energy in your classroom?
2. What are three simple energy conservation strategies that you can use in your classroom?