



HALLWAY LIGHTING AUDIT

To answer the questions below observe the lighting in the hallways of your school. Mark your observations on your school map.

Are unnecessary hallway lights often on? _____

If so, where are they located? _____

Is the lighting in the hallways adequate? _____

Are they too bright or too dim? _____

Are the light fixtures clean? _____

Are any of the hallway lights controlled by a timer? Which ones? _____

If there are timers, are they checked monthly to take into account the changes in the length of day? _____

If no timers are used, do staff members control the hallway lighting? _____



HALLWAY LIGHTING AUDIT CHART

Steps	Calculations	Total
Step 1: Measure or pace out a length of 50 feet in the hallway outside your classroom.	Measure or pace out a length of 50 feet	
Step 2: Count the number of bulbs in those 50 feet.	Count # of bulbs	_____ bulbs
Step 3: Estimate the approximate total length of all hallways with similar lighting.	Estimate (by measuring, pacing, or looking at a scale map of the school) the approximate total length of all hallways with similar lighting.	_____ length of hallways in feet
Step 4: Determine the number of 50 foot segments in the hallway system.	(length of hallways in Feet) ÷ 50 = # 50 foot segments	_____ segments in the hallway system
Step 5: Determine an approximation of the total number of light bulbs in the hallways.	(total of # of bulbs in the hallway) x (# of 50 foot segments = total number of light bulbs in the hallways.	_____ light bulbs in hallways
	(# of bulbs) x (watts of bulb) = Watts in hallways	
Step 6: Determine the watts in hallway	(Assume a value of 34 watts for fluorescent bulbs. For others, check on the bulb or packaging).	_____ watts in hallways
Step 7: Convert the # of watts to kilowatts	(# of watts in hallways) ÷ 1000 = kilowatts in hallways	_____ kilowatts in hallways
Step 8: Determine cost of hallway	(# of kilowatts in hallways) x \$0.07 = cost of lighting	\$ _____ cost of lighting