Energy Audit Activities for Middle School Students **School Site: _____**
Lighting Cost Analysis **Room #:_____**

Building Performance Audits Lighting Cost Analysis			
Number of Lights	1		
Price per kWH	0.13		
Number of hours used per day	10		
	Incandescent	CFL	LED
Number of Lights	1	1	1
Price per kWH	0.13	0.13	0.13
Number hours used per day	10.00	10.00	10.00
Average lifespan (hours)	2000	10000.00	50,000
Average lifespan (years)	0.55	2.74	13.70
Watts	60	13	9
Electricity costs per year	$28.47	$6.17	$4.27
Maintenance Costs per year	$8.00	$0.73	$2.19
Total costs per year	$36.47	$6.90	$6.46
Notes/Comments			