SHEDDING SOME LIGHT ON LIGHTS

Learn how much energy your family uses for lighting each day.

LED BULBS Electricity is measured in watts, kind of like how gasoline is measured in gallons. Go around your house and count the number of LED light bulbs at each of the wattages listed below. Make your best guess about how long the light bulbs are turned on in your house each day. Then calculate the total number of watts you use each day.

1. 60W equivalent LED bulb: _____ (number of bulbs) X _____ (number of hours on per day) X 9 (number of watts) = _____ (number of watts used per day)
2. 100W equivalent LED bulb: _____ (number of bulbs) X _____ (number of hours on per day) X 10 (number of watts) = _____ (number of watts used per day)

Add to see how many total watts are used each day =

INCANDESCENT BULBS If you still use incandescent bulbs at home, you may be wasting electricity. Use the same number of bulbs and hours per day as you used above to calculate the difference.

1. 60W incandescent bulb: _____ (number of bulbs) X _____ (number of hours on per day) X 60 (number of watts) = _____ (number of watts used per day)
2. 100W incandescent bulb: _____ (number of bulbs) X _____ (number of hours on per day) X 100 (number of watts) = _____ (number of watts used per day)

Add to see how many total watts are used each day =

How much electricity could you save by using LEDs instead of incandescent bulbs? Subtract the total daily watts for LED bulbs from the total for incandescent bulbs.

Total daily watts for incandescent

Subtract total led bulb watts -

Total electricity savings in watts =

THINK ABOUT IT

- Are there ways you can use less electricity (watts) for lighting your house?
- Are there times when the lights are on, but you are not using them?
- Could you save money on electricity by changing your bulbs to LEDs?

AVISTA®
myavista.com/kids