

Lighting the way to Energy Efficiency

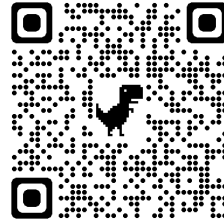
STEPS:

- 1) Read the facts on the front sheet
- 2) Use those facts to fill in the blanks
- 3) Fill in the drawing with the assigned color and number
- 4) Have fun learning about lighting! 😊

example
BLUE
I have 2 apples
you color 2 with BLUE

NOTE

* some numbers may have multiple coloring spots



Scan for more Bright Ideas Series content!

BLACK

An average household uses ___% of its energy budget towards lighting.

LED bulbs last ___ to ___ times longer than halogen incandescent bulbs.

You can save \$___ per year by replacing your most used lights with models that have earned the ENERGY STAR rating.

On average, incandescent bulbs last only ___ year before being replaced.

WHITE

ENERGY STAR is designed for automatic daylight (___ hour) shutoff.

If you have 10 lightbulbs in your house, ___ lightbulbs should be rated by ENERGY STAR to best conserve energy.

Traditional incandescent bulbs waste around ___% of the energy they use as heat.

DARK BLUE

LED bulbs use 25% to ___% of the energy.

There are ___ incandescent bulbs manufactured in the United States.

MEDIUM YELLOW

There are ___ different type of lightbulbs that we use today.

LIGHT YELLOW

Newer and more popular bulbs use about 25% to ___% less energy than traditional incandescent bulbs.

PINK

If every U.S household replaced of their incandescent bulbs with an ENERGY STAR rating bulb, we would have enough energy to light ___ million homes a year.

ORANGE

The original electric light was created in ___ by Sir Humphrey Davy.

☆ OTHER SOURCES USED: ☆
justenergy.com
energyupgradeca.org



SUSTAINABLE LEADERS IN ACTION



SUSTAINABLE LEADERS IN ACTION



Sustainable CONTRA COSTA

★ Today, we have 4 main different lightbulbs

★ On average, incandescent bulbs last only 1 year before being replaced

★ An average household uses 5% of their energy budget towards lighting

★ If you have 10 lightbulbs in your house, the best way to conserve energy is to have 10 lightbulbs ENERGY STAR rated

★ ENERGY STAR is designed for automatic daylight (24 hour) shutoff

★ The first original electric light was invented in 1802

★ Traditional incandescent bulbs waste around 90% of the energy used as heat

★ By replacing your most used lights with lights rated by ENERGY STAR, you can save \$75 per year

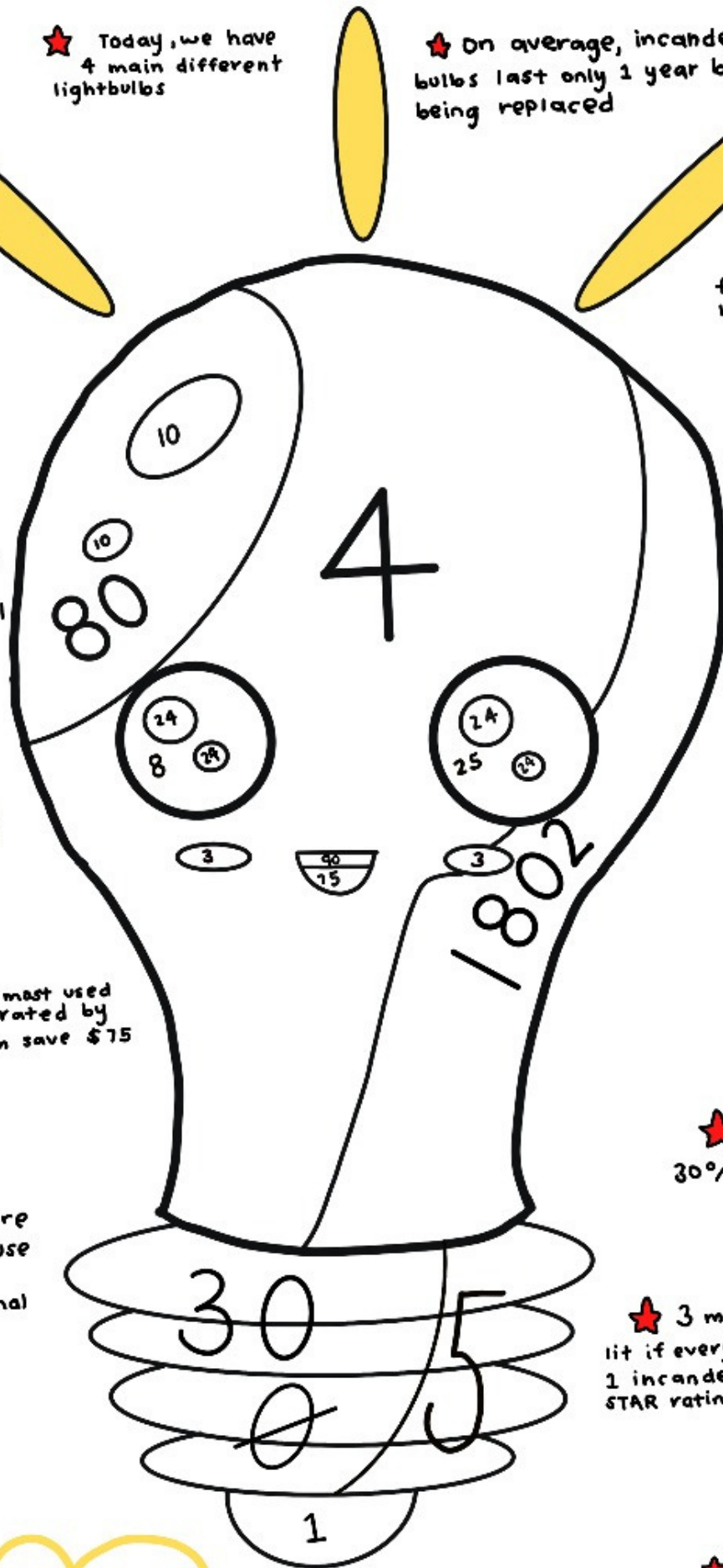
★ LED bulbs use 25% to 30% of energy.

★ Newer and more popular lightbulbs use 25% to 80% less energy than traditional incandescent bulbs

★ 3 million homes per year could be lit if every household in the US replaced 1 incandescent bulb with an ENERGY STAR rating bulb

Use the facts to color in the lightbulb!

★ There are 0 incandescent bulbs made in the US



★ LED bulbs last 8 to 25 times longer than halogen incandescent bulbs