

SHUJI NAKAMURA

THE MASTER OF LIGHT 

NAME: _____

DATE: _____

Lighting Up the World

"Meet Shuji Nakamura! He is a famous scientist who invented the **blue LED** (a tiny, super-bright light). For a long time, scientists only knew how to make red and green LEDs. Shuji worked really hard and finally figured out how to make a blue one! Why is this cool? Because when you mix red, green, and blue, you get bright **white light**! His invention gave us the LED lightbulbs we use in our houses today. They save a ton of **energy** and help protect our planet!"



1. GLOWING WORDS

Fill in the blanks using the word bank to learn about Shuji's invention!

Blue

Light

Energy

1. Shuji invented a special LED.
2. LEDs give us bright white to see in the dark.
3. LED bulbs save a lot of to help the Earth.

2. SPOT THE LEDS!

Shuji's tiny LED lights are everywhere! Put a checkmark (✓) next to the things that use an LED light to shine brightly.



Traffic Light



Teddy Bear



Tablet Screen



A Wooden Log



Flashlight



A Storybook

3. MY COOL LED LAMP

LED lights don't get hot, so lamps can be made into any fun shape! Design your own awesome, energy-saving LED lamp for your bedroom.



Draw your amazing lamp here!



FUN FACT: Shuji won the Nobel Prize in Physics for inventing the blue LED!

