

JOHN B. GOODENOUGH

THE BATTERY HERO 

NAME: _____

DATE: _____

Powering the Future



"Meet John B. Goodenough! He was a brilliant scientist who helped invent the ****lithium-ion battery****. Before his invention, batteries were very heavy and weak. John found a way to make them small, lightweight, and super powerful! Because of his amazing batteries, we can now drive ****electric cars**** without using gas. His batteries also store clean energy from the ****sun**** and the ****wind**** so we have power even when it's dark or still!"



1. GREEN ENERGY WORDS

Fill in the blanks using the word bank to learn how we protect the Earth!

Battery

Wind

Electric

1. A phone needs a to turn on.
2. Clean energy can come from the sun and the
3. A car that doesn't use messy gas is an car.

2. POWER CHECK!

John's batteries are used in things we recharge. Put a checkmark (✓) in the box next to the things that use a rechargeable battery!



Smartphone



Apple



Electric Car



Bicycle (pedal)



Laptop Computer



A Tree

3. MY ELECTRIC VEHICLE

John's batteries make Electric Vehicles (EVs) possible! Design your own futuristic electric car below. Don't forget to draw where the big battery goes!



Draw your amazing electric car here!



FUN FACT: John won the Nobel Prize when he was 97 years old! You are never too old to change the world.

