

# **IF I COULD INVENT SOMETHING NEW BY CHRISTIANA IGBOKWE**

## **YEAR 7**

If I could create something new, it would be for electronics to have self- charging batteries. This is because our electronics die and sometimes, we forget to charge them, and as we charge them, we forget to unplug them and they will overheat and catch fire, but most electronics automatically stops the battery from charging more that its capacity, preventing any damage or over charging.

Before we talk about how to make self-charging batteries, we must explain what batteries are, how to charge batteries, their uses and their differences.

Batteries are cells in which chemical energy is converted into electricity and used as a source of power. Charging batteries are a set of devices used to replenish the energy stored in a battery. Batteries are used for powering things like remote, clocks, flashlights, hearing aids, weight scale and so on. Batteries are also for various purposes. Batteries can be used in our homes and offices. Charging batteries are used to power of portable devices, power tools, appliances and so on. Charging batteries are also used for driving, cooking, entertainment etc. The difference between charging batteries and other batteries is that batteries are those cells which are usefully longer than a rechargeable cell (charging batteries).

We are going to talk about how you can try to learn how to make a battery and charging battery. Charging batteries are made the way batteries are made but without the mixture of sulphuric acids and water but both are made with cells which must relate to a metal that conducts electricity. The terminals or poses (usually made of lead) are welded on the battery then the cover is added or attached, and the final step is charging or finishing, and this is how both batteries and charging batteries are made. Now to make self- charging batteries, you must learn science, biology, math and chemistry and you should study and learn all these subjects carefully then you can build a battery and a charging battery.

I want to invent self- charging batteries to provide solutions to self charge our vehicles, phones, televisions, laptops, blenders and so on. As we all know all the electronics are what we use in our day-to-day life and we use it for time, cooking, working, transportation and so on. As the world is growing and evolving, we will get to the state that we will outgrow the electronics we use now.

As an inspiring scientist, this is my theory on how to make a self-charging battery for our electronics. We would need three important things like our batteries, sensors and solar panels. The process is simple. The sensors detect when batteries are low, then triggers the solar panels to start drawing light energy from the closest light or heat source. With this, we can find solutions to charging problems in the world and create a greener and safer society.

I hope my dream to invent a self-charging battery will soon become a reality so I can listen to my Favorite songs on my phone non-stop and make the world a better place.

Thank you for this opportunity