# What is voltage and how does it affect the brightness of a bulb?

**EBL Spring Term- Leopards** 

## What is voltage?

We began by exploring the question, what is voltage? We used ipads to research what it was and create a scientific definition.

What is voltage? Voltage is the "push" that makes eleculary glow through a sircuit similar to the pressure that pushes water through a pipe.

What is votinge and how does it aged the highters of a hull?

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When is it used? Vollaged is used in every electrical arauit to power devices like light bulk- motors and appliances.

What is measured in Voltage is measured in volls (V). a unit that represents the decru potential digerence between two points in an electrical circuit.

Monday 7th April



Monday 7th April 2025 What is rollage and how does it aggest the brightness of

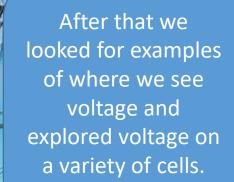
What is here gone that pushes electrons through a circuit to produce electricity he push that makes electricity glow in a circuit, pressured in rolts. I also tells you how much electrical energy has been converted into other gomes of energy. that is voltage

Where is voltage used?

Voltage the push gon powering household appliances and electronic durices to transmitting electricity such as batteries powering a torch or the mains electricity or powering a kettle.

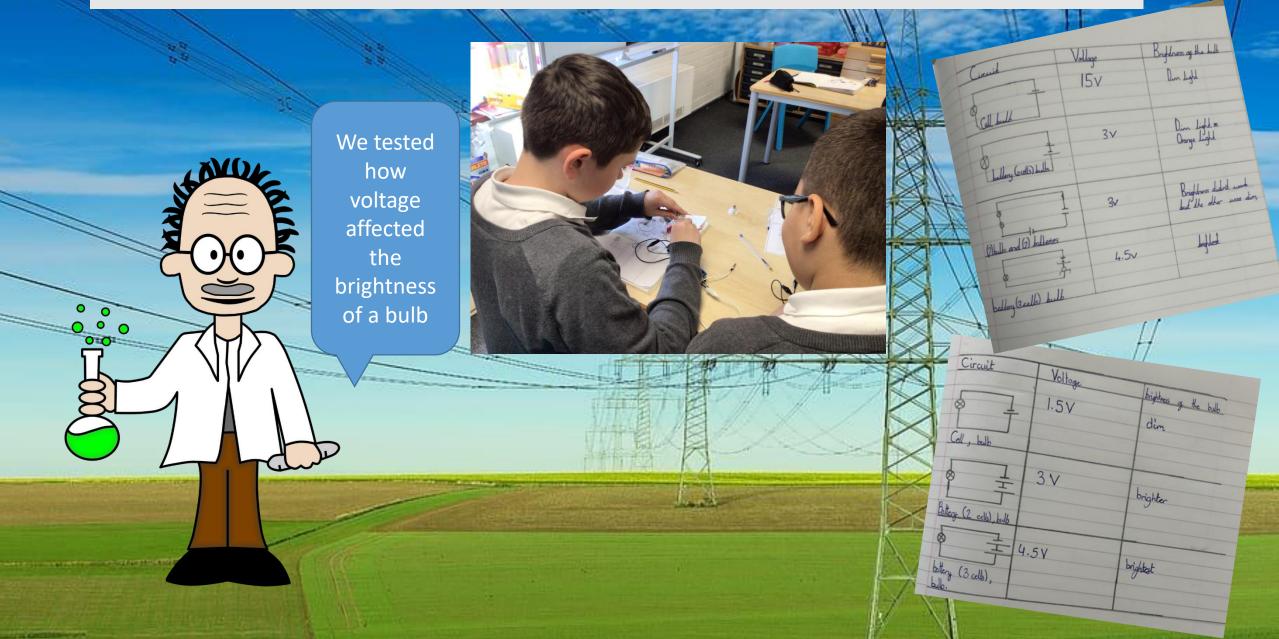
What is it measured in ! is measured in volts (V). In a circuit with a voltmeter close voltmeter. The diggerance of electrical potential between two points of an electrical or electronic circuit, expressed in rolts

Write the correct voltage next to each picture rcle the battery that could be used inside a remote contro



We recorded this in our books.

#### How does it affect the brightness of a bulb



## Answering the BIG QUESTION

We worked in pairs to create a collaborative poster so we could collate all of our research.

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I liked the way you spoke together and I thought you were very clear.

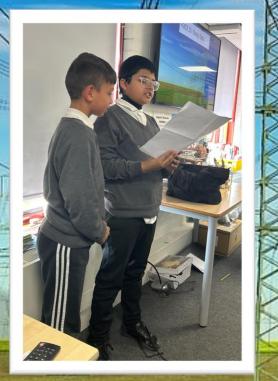
### VOICE 21- Oracy Task

I thought your vocab was great and there were some good facts too!



Next time you could look up a little more!

It was good that you used each other's name. It made it more personal.



Using the research we prepared a speech to present our answer to the question- What is voltage and how does it affect the brightness of a bulb?

> Our peers offered feedback on our oracy.

Next time you need to speak a little louder. It was really good, I loved the way you ended it together.