

Electricity Is Our Hero

One day a girl named Celeste woke up to the smell of fresh pancakes, she ran down the stairs and saw her mother standing in the kitchen flipping a pancake.

"Good morning, Celeste!" greeted her mother.

"Good morning, mother" she replied as she sat down to wait. A couple minutes later, her brother Kenji came downstairs and sat next to her. Celeste was drooling on the fluffy pancakes. Celeste demolished the pancakes when they were served on the table, but then she stopped and asked her mother a question.

"Why exactly is electricity and why is it so important?"

"Well," her mother began to say. "Electricity is important because it plays a role in society like in how we get clean water or to get good hygiene. It also helps in hospitals or clinics with equipment, surgery, and life support. Electricity is also used to power a room where you can control the temperature. Schools need electricity for lighting, tablets, and computers. They also power electric vehicles like subways or trains that run on electricity."

"What else does electricity do?" Celeste asked while shoving pancakes into her mouth.

Her mother replied by saying, "Electronics is a powerful force that is an essential part of modern life and is used to power many of the things that make our lives easier and more convenient. Electronics rely on electricity that includes ipads, iphones, TV, stove, freezer, air conditioner and other gadgets that require electricity to function. Parks, fairs, arenas, theaters, and movie theaters use electricity.

Data centers rely heavily on electricity. Fridge and freezer need electricity to power so people can store food and other stuff. Lighting provides safety so people can also do things they need to do when it's dark, or during the night when the sun is out. So, lights need electricity to power. It also can affect the environment," her mother explained.

"How can it affect the environment?" Celeste asked.

Her mother replied "It can affect the environment by many ways like the air for example, mercury could affect animals and humans. Or matter ends in problems in lungs or in cloudy conditions. Nitrogen oxide gives to the ground ozone and issues. And carbon dioxide produced when combustion happens is a greenhouse gas it gives to global warming. And lastly sulfur dioxide releases from power plants it also causes acid rain and harms aquatic animals and plants. About 62% of electricity in the USA is from fossil fuels. For example, natural gases and coal are fossil fuels. Another way electricity affects the environment is the climate

change electricity gives to climate change because of greenhouse gases. Electricity is made from fossil fuels, for example oil and gas empty out greenhouse gases to the atmosphere like nitrogen oxide or carbon dioxide. It also affects global warming extinction, high ocean levels, and droughts. Celeste's mother said. "So, is that why electricity plays an important role?" Celeste asked.

Her Mother replies "Yes, dear it's like our hero."

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