

TOMORROW IS THE GREAT DEBATE - Nuclear Power

Today, I want you to do some research to find out more about the topic and decide where you stand.

You may not have ever considered nuclear power, or you may have thought about it a lot due to seeing things on the news and in movies and TV.

Today I want you to do some REAL research, not from news stations, about nuclear power.

You can use the books I've provided from the library or you can use the internet, but

ONLY SITES THAT END IN .edu, .org, or .gov are allowed

Suggested search terms: "pros and cons of nuclear power" "nuclear power explained" "nuclear power simplified" "what are the dangers of nuclear power" "how often do accidents happen in nuclear power plants" "what are the benefits of nuclear power" "do the benefits outweigh the dangers of nuclear power" "are nuclear power plants statistically safe" "is nuclear power safe"

Copy and paste link to webpage here:

<https://www.energy.gov/ne/articles/5-fast-facts-about-nuclear-energy>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: 790 billion kilowatt hours of electricity in 2019, nuclear power is 52% of America's clean energy, nuclear energy is the most reliable source of energy in America, nuclear power helps power 28 U.S. states, and the fuel is extremely dense.

Copy and paste link to webpage

here: <http://large.stanford.edu/courses/2018/ph241/kuet2/>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: The disadvantages of nuclear power is the waste that gets created, the plutonium that is created can be harmful to people by giving increased chances to get lung, bone, and liver cancer, and to build the reactor it will cost a lot of money.

Copy and paste link to webpage here: <https://www.nei.org/advantages>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: It can help reduce air pollution, it can give more people energy, and we can lower fossil fuels by using electric cars instead of using gas.

Copy and paste link to webpage

here: <https://www.greenandgrowing.org/disadvantages-of-nuclear-energy/>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: Nuclear waste is a big water polluter, risk of reactor shutdowns can be bad, and uranium is a limited material.

Copy and paste link to webpage here:

<https://www.energy.gov/ne/articles/advantages-and-challenges-nuclear-energy>

Or fill this in for a book: Title _____ Author _____ pg _____

What I discovered: People don't trust that they will be safe with the reactor near them since what happened to other places, getting and disposing of the fuel is hard, and making them is a challenge with the price.