



Please note: This chart is for teacher reference only. Students should work to complete the sections in red throughout the unit.

Students learn about the different energy sources and their benefits.

Name of Energy Source	Renewable or Non-Renewable	Requirements (what does it need to work?)	Cost (high or low?)	Environmental concerns	Other comments
Fossil Fuel	Non-renewable	Coal, oil, natural gas, large plants, polluting equipment	Low Cost	Production and use cause large amounts of toxic pollution	According to scientists fossil fuels will run out
Hydroelectric	Renewable	Reservoir/river, dam	High initial cost	-No pollution concerns -Wildlife may be affected by changing water flow and temperature	-Water is always available to create power so it does not need to be stored -Locations for dams are limited
Solar	Renewable	Solar panels, sunlight	-High initial cost -High cost to store power to use when the sun is not shining	-No pollution concerns -No wildlife safety concerns	-Energy has to be stored because the sun is not always available to create power -Solar panels can be installed almost anywhere
Wind	Renewable	Wind turbines, wind	-High initial cost -High cost to store power when the wind is not blowing	-No pollution concerns -Concern for flying animals -Some think wind turbines are noisy and unattractive	Energy has to be stored because the wind is not always available to create power

Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

Welcome to our  
fun community! 🤪



By :Ariel

Helped by :Paige and Kaylee H.

# Pros

- It doesn't cost money, it's free!
- It gives you light when you can't see!

# Cons

- You can't turn it on and off!
- You can't control the heat of it

Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

Anyways I will let you keep on going!

You don't want to?

Oh too bad you're going to have too!

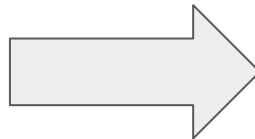
Still no okay I can't make tho.

GO TO THE NEXT SLIDE!

Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

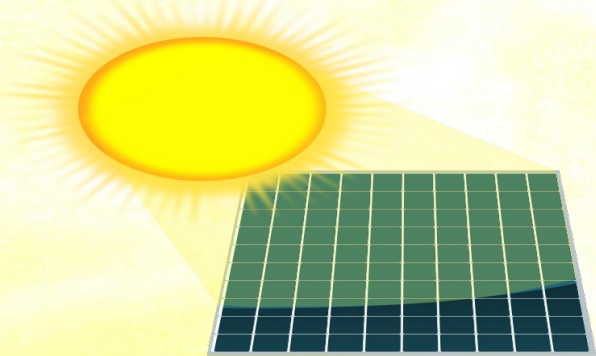
Time for Solar Energy!

By the solar energy is sunlight that comes from the sun if you don't know!



# ☀️ Solar Energy ! ☀️

What kind of energy do you like the most ? Well hear me out I like Solar Energy let me explain ! Solar energy is free because if you use the sunlight it would be free and that you wouldn't need to pay tons of electric bills (BGE)! Also, Solar power is ran off of the sun so it could be as free it doesn't even cost a penny ! If you want more sunlight use solar panels but think about the price of it it cost 12,208 to 16,272 dollars just for sunlight that much money ! Nobody I know would spend that much money on just solar panels . Solar power doesn't use too much energy form your house . Finally Solar Power doesn't harm the animals an the fossil fuels does because if the fossil fuels get in to water it harms the animals !



Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

Ready for fossil fuel ?

Nope !

Well you have to go on !

NO Ugh ! Fine !

GO TO THE NEXT SLIDE !

Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

Time for fossil fuels !

By the way fossil fuels are oil and coals just incase if you don't know!




# Fossil Fuels

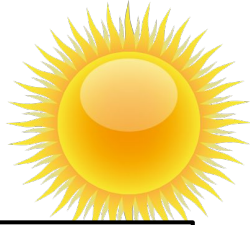
What do you think is the worst energy in the world? Well let me say mine no hates, I hate Fossil fuel I know you can drive your car with Fossil fuels but it hurts the world! Please let me explain! You might wonder why I hate fossil fuels will here's the reasons! Fossil fuels are bad for the earth because it can hurt the environment (Animals). Guess what it also cause pollution in the air! I know parents are complaining about how much the oil cost because fossil fuel can help us get to work! Here is something I will tell you about if your parents hate how much the oil cost carpool let a friend pick you up! Fossil fuels are run out because it's apart of the world if it runs out it's out!




Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

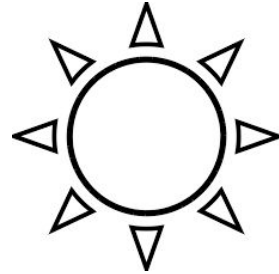
 Okay you're free now you don't have to read anymore! Well maybe next time!

 Fake



Fourth grade students created Google Slide Decks to demonstrate their understanding of the benefits of Solar Energy vs. Fossils Fuels.

Hopefully you learned a lot from this book! Hold on, I have something to tell you did you know that the sun is actually white! WOW! 



Real

Made by : Ariel  
Helped by : Paige and Kaylee H.

# Kaylee H

Students research and present on the best energy sources for their community.

# solar power and Fossil Fuels

Fourth grade students creating videos about solar energy versus fossil fuels.