Dear XXXXXXXXXX,

We are AJ and Natalie and we are learning about climate change in science. We learned a lot about temperatures rising and glaciers melting. We are trying to stop climate change by burning less fossil fuels. We had the idea of replacing incandescent light bulbs with LEDs. We also had the idea of replacing non renewable energy sources with renewable energy sources, such as onshore wind farms, solar fields and landfill gas energy plants.

It is important to use LED lights instead of CFL light bulbs and incandescent lights. One reason we should use LEDs instead of incandescent and CFL lights is for example LEDs last over 3 times longer than CFLs and almost 25 times longer than incandescent light bulbs!! Another reason why we should get LEDs is because they help getting rid of climate change because they use A LOT less watts than CFL and incandescent lights. A final reason LEDs are way better is that CFLs use poison called Mercury vapor and it causes BRAIN DAMAGE!! And be honest do you think incandescent lights do anything to help the earth?

We think that XXXXXXX should use less fossil fuels, such as motor gasoline, ethanol and Natural gas. All of these are non-renewable which means one day they will just run out. Natural gas fuels about 95% of XXXXXXX’s energy. We do not have renewables besides biomass plants. Burning fossil fuels produce greenhouse gases. Biomass plants burns food waste that could be fertilized. I think that we should use landfill gas energy plants because they burn gases made from landfills. And the gases don't get released as greenhouse gas. They are less expensive than some energy sources. It is also renewable. The only con is that some people believe that toxic compounds are produced during burning but no one knows if that is true or false. Also we could use more solar fields because they are clean and renewable energy. The only con is that they are the most expensive energy source. The last energy source I think we should use is on shore wind farms because they are clean and renewable and work all day and night. The only cons are that they are expensive and some people don't like how they look. I think the state would benefit from this.

These energy sources would really lessen the amount of greenhouse gases being put into the air. It would help our community/state. The LEDs would cost less money and would work for a long time. You could pass a law that says that all of the courthouses in XXX have to have LEDs, that would already help XXXXX a lot.

Sincerely, AJ & Natalie