

End of Year Project ReCharge Event – Project Summaries

Composting:

Anna, Jordan, Abby, Emilee, Alexis, Holly, Taylor

Eagle Valley Middle School (EVMS) should ensure the current school nutrition menu contains compostable food items to reduce food waste. EVMS needs a compostable food menu that ensures positive health benefits and a cleaner environment. This proposal will reduce EVMS expenses for landfill/recycling by composting up to 60% of food waste.

SMART Thermostat:

Matthew, Jackson, Joseph, Luke

This project is targeting the goal of balancing the temperature in rooms of the District Office of Carson City with smart thermostats. The current state of the office is at its lowest point leading to more global warming. Therefore, with the smart thermostat they can increase their 14 energy star score to something out of this world. With some funding and smart thermostats the CCSD office can conserve money for the better.

Electric Busses:

Cooper, Makala, Ben, Dominic, Jack, Cassidy

Schools need to step into the future and use electric buses. With electric buses Eagle Valley Middle School can use the excess energy produced from the solar panels to power the buses. The CCSD (Carson City School District) needs to get these buses because they will be able to transport more students and it will have a renewable energy source. The reason that they need bigger buses is so the CCSD can have less buses, with less buses Eagle Valley Middle School will not have as much carbon output as before. Then if the CCSD has electric buses there will be very little to no amounts of carbon output. It may be an expensive purchase upfront, however in the long run the CCSD will be able to save money by using the excess power from solar panels (power that hasn't had a purpose) to power the larger more efficient buses.