



Original Artwork by Gayle Boyd, Dreher High School

Let's talk about composting at Dreher



I am finally going to start worm composting – or “Vermiculture” - at Dreher! I will report on it in the next newsletter.

Please contact me if you are interested in helping or would like more information!

According to NASA, 2020 tied for the warmest year on record! You can read more details here: www.nasa.gov/press-release/2020-tied-for-warmest-year-on-record-nasa-analysis-shows

In this issue: Electric Cars and Global Warming

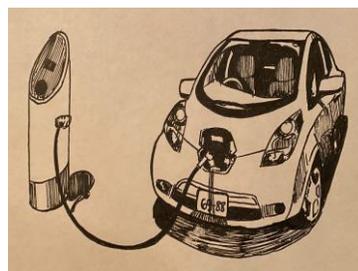
Electrical cars

Electric cars are the future since they are better for the environment in so many ways. This is because electric cars run only on electricity, which means they don't burn fossil fuels like petroleum or diesel and therefore don't emit greenhouse gases such as carbon dioxide (CO₂). They also create less air pollutants, which are small particles in the air that we breathe and can cause illness.

Many companies are focusing their advertising of electric cars on the idea that they will improve the air quality in big cities.

It is important to understand the effect that carbon dioxide has on the environment before we can see how vital it is to reduce CO₂ levels in the environment. When there is an increase in CO₂ in the environment, the “green house effect” occurs. Have you ever visited an actual greenhouse and wondered why it is so hot

inside? This is because all the plants are “breathing in” oxygen, converting it to carbon dioxide and then “exhaling” it into the closed space, helping the room become hot and moist. This is essentially what is happening with our earth in the bigger picture. All the harmful carbon being expelled into the atmosphere creates a cover that traps the sun's heat energy in our atmosphere, causing the climate to change and become warmer. This is commonly known as “global warming.”



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Impact of Global Warming

The result of this drastic increase in greenhouse gases is that global temperatures are rising, creating events such as heatwaves that are

hotter and longer than ever before. However, hotter days are not the only dangerous impact of global warming. As the earth warms, sea levels will rise. This is important to examine because not only do increasing temperatures cause snow, ice, and glaciers to melt, disturbing the wildlife's ecosystems, but as that material melts, it causes our sea levels to rise, spelling danger and destruction for coastal cities.

Global warming also causes extreme weather conditions and natural disasters like fires, floods, droughts, and tsunamis.

So, since CO₂ is such a leading factor of climate change, and one electric car can save (on average) 1.5 million grams of CO₂ from being released into the atmosphere, let's look at buying electric cars; they are our future!

Data from: www.edfenergy.com