



Close Reading Activity Upper Primary

Topic: Why Recycling Plastic Helps Reduce Carbon

Passage for Reading:



Recycling plastic is an important way to reduce the amount of carbon dioxide (CO₂) in the atmosphere. When plastic is made from raw materials like oil or gas, a lot of CO₂ is released into the air. This is because it takes a lot of energy to turn these raw materials into plastic products. The process of recycling plastic uses less energy because it reuses existing plastic rather than creating new plastic from scratch.

When we recycle plastic, we prevent the need to make new plastic, which helps reduce the carbon emissions.

For example, recycling one tonne of plastic can save up to 3.8 tonnes of CO₂ emissions. This is because the process of turning old plastic into new products uses less energy than making plastic from raw materials. Another benefit of recycling plastic is that it reduces the amount of plastic waste in landfills. As plastic breaks down over time, it can release harmful gases that contribute to global warming. By recycling, we keep plastic out of landfills and help protect the environment. In addition to recycling, it's also important to use less plastic and choose products made from recycled materials. The more plastic we recycle, the less new plastic needs to be produced, which leads to less CO₂ in the atmosphere and a cleaner planet.



Questions

How does recycling plastic help reduce carbon emissions?

What is released into the air when plastic is made from raw materials like oil or gas?

Why does recycling plastic use less energy than making new plastic?

How much CO₂ can be saved by recycling one tonne of plastic?

What happens when plastic breaks down in landfills?

Why is it important to keep plastic out of landfills?

What is one of the benefits of recycling plastic, besides reducing CO₂ emissions?

How can using less plastic help the environment?

What does recycling plastic do to the need for creating new plastic?

How does recycling plastic contribute to a cleaner planet?



Missing Word option

Recycling plastic is an important way to reduce the amount of carbon dioxide (CO₂) in the _____. When plastic is made from raw materials like _____ or _____, a lot of CO₂ is released into the air.

This is because it takes a lot of _____ to turn these raw materials into plastic products. The process of _____ plastic uses less energy because it reuses existing plastic rather than creating new plastic from scratch.

When we _____ plastic, we prevent the need to make new plastic, which helps reduce the carbon _____. For example, recycling one tonne of plastic can save up to _____ tonnes of CO₂ emissions. This is because the process of turning old plastic into new products uses less _____ than making plastic from raw materials.

Another benefit of recycling plastic is that it reduces the amount of plastic _____ in landfills. As plastic breaks down over time, it can release harmful gases that contribute to _____.

By recycling, we keep plastic out of landfills and help protect the _____.

In addition to recycling, it's also important to use _____ plastic and choose products made from _____ materials. The more plastic we recycle, the less new plastic needs to be produced, which leads to less CO₂ in the _____ and a _____ planet.





Word Bank

energy

landfills

CO₂

global warming

less

atmosphere

recycled

oil

emissions

recycled

environment

waste

plastic

gas

recycling

new

3.8

process

CO₂

plastic

