



From Solid to Gas: Unlocking the Wonders of Matter in Motion

Ada Barbu

Our safety and responsibility are in danger

Soil, **air**, and **water** should make us feel safe and healthy.

Lately, there have been **floods** and **tornadoes** in our city and in the surrounding villages that put many people in jeopardy and destroyed households.

Have you heard or read about other situations like these ones?

Ask your family if there have been such natural phenomena in their past.



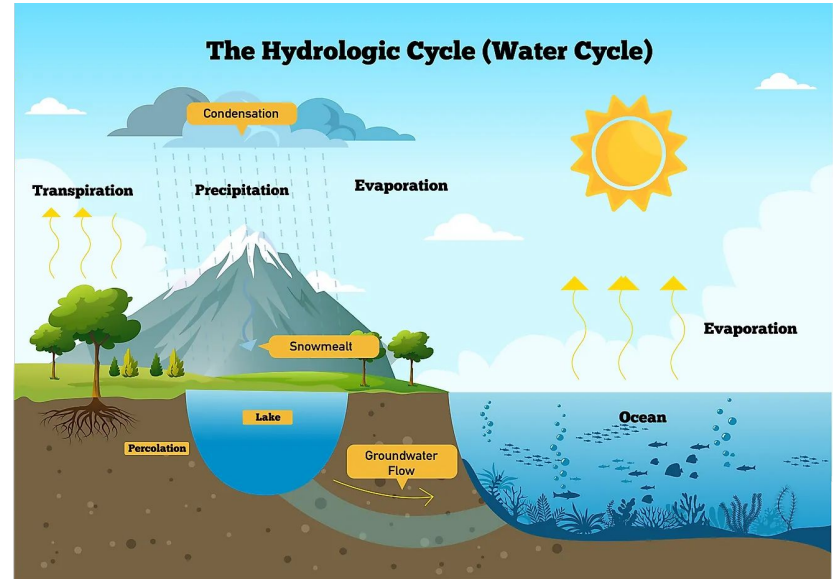
The water cycle is not just about water

So how do air, water forms, and landforms collaborate with the Sun? What do we know from our experiences, life, and this poster?

What do you think might happen to the water cycle if the Earth becomes too hot?

How can changes in the water cycle (like more evaporation or less rain) affect the people and animals in our community?

If you were in charge of a team to solve a water-related problem in nature, what would you do first for the community?



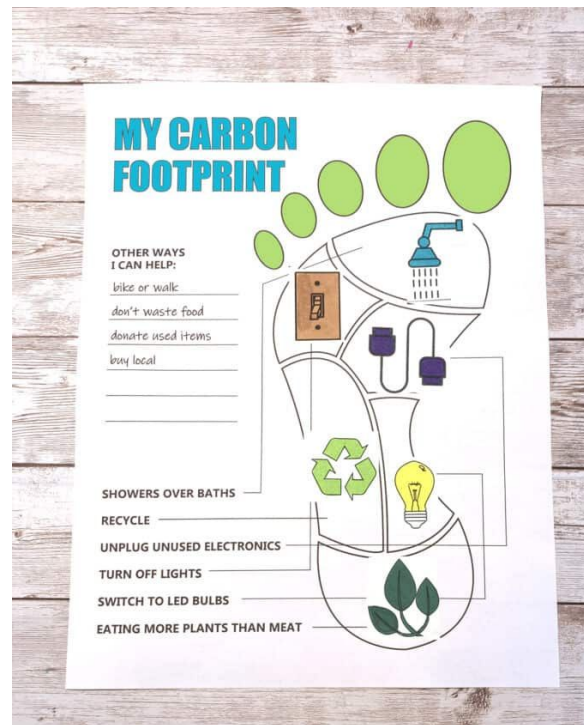
Why are my actions so important?

Carbon dioxide (CO₂) is a gas that gets released into the air during many activities we do. **CO₂ is created whenever energy is used or something is burned.**

When we turn on lights, watch TV, or use a computer, we're using **electricity**. Electricity is mostly made by burning fuels like coal, oil, or natural gas. Burning these fuels releases CO₂ into the air.

Cars and buses usually run on gasoline or diesel, which are also made from **oil**. When the engine burns fuel to make the car move, it releases CO₂ as a byproduct.

Factories use a lot of energy to make things like clothes, toys, and food. Trucks, ships, and planes that transport these items burn fuel, releasing CO₂ into the air.



So what can I do? How can I help my community?



Conserve

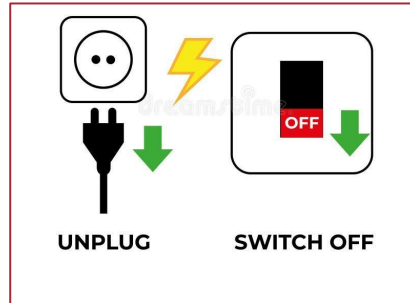


Give energy



Buy less

**Let's
brainstorm!**



Save energy



Produce food

Thank You!

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