

**Reflect on which aspects you can apply locally. Write down three interesting findings from your quest.**

[Project Green Challenge #PGC2023 Day 11: SOIL: How does soil mitigate climate change?]

 Greener Edition:

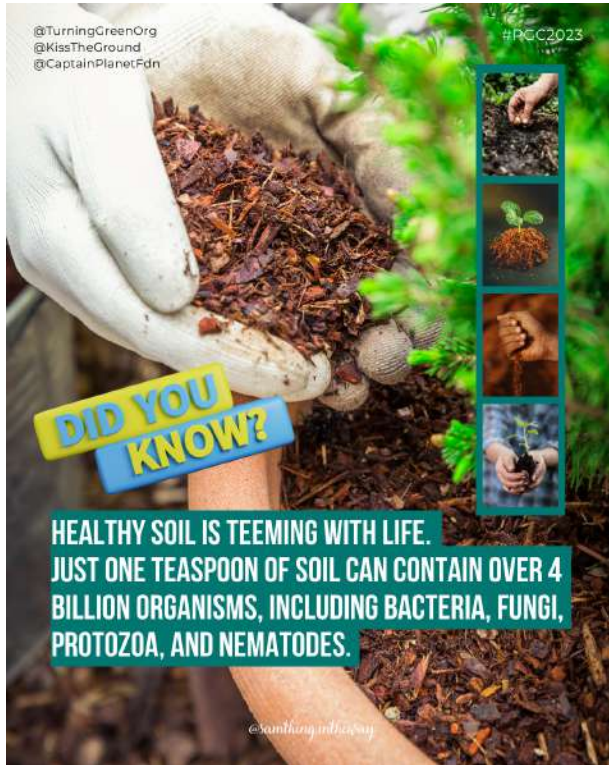
Secrets of Soil: Unveiling the Marvels Beneath our Feet! 

1. **Underground Life:** Healthy soil is bustling with tiny creatures. In just a handful, there are more microorganisms than people on Earth! Bacteria, fungi, and earthworms team up to break down organic stuff, making the soil rich and fertile.
2. **Nature's Recycler:** Soil is like Earth's recycling center. It takes 500 years to form an inch of topsoil naturally! By putting leaves and food scraps back into the soil, we not only enrich it but also cut down on waste and landfill use.
3. **Water Wizard:** Healthy soil acts as a natural water filter. When rainwater soaks in, the soil acts like a sponge, cleaning out impurities. It then refills underground water sources, giving us clean, safe drinking water.
4. **Climate Helper:** Soil fights climate change by trapping carbon dioxide. Plants absorb CO<sub>2</sub> during their life, and when they decay, they store carbon in the soil for thousands of years, reducing greenhouse gases.
5. **Tiny Universe:** A teaspoon of soil is a universe of its own, hosting over 4 billion microorganisms. They help break down organic matter, providing plants with nutrients and enhancing the soil's structure.
6. **Earth's Protector:** Soil is Earth's skin, shielding its surface. Just like our skin protects us, soil offers a home for plants, supports farming, and sustains a variety of life. Caring for our soil ensures a healthy environment for us all

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#TurningGreen #PGC2023 #MoveTheDate #GlobalFootprintNetwork  
#Footprint #Carbon #ClimateChange #Environment #Sustainability  
#GlobalSupply #Food #Regenerative #Agriculture #NetZero #Nature #Soil  
#Ecosystem

# FNU Samintang - FNU Samintang - Hasanuddin University (Indonesia)



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