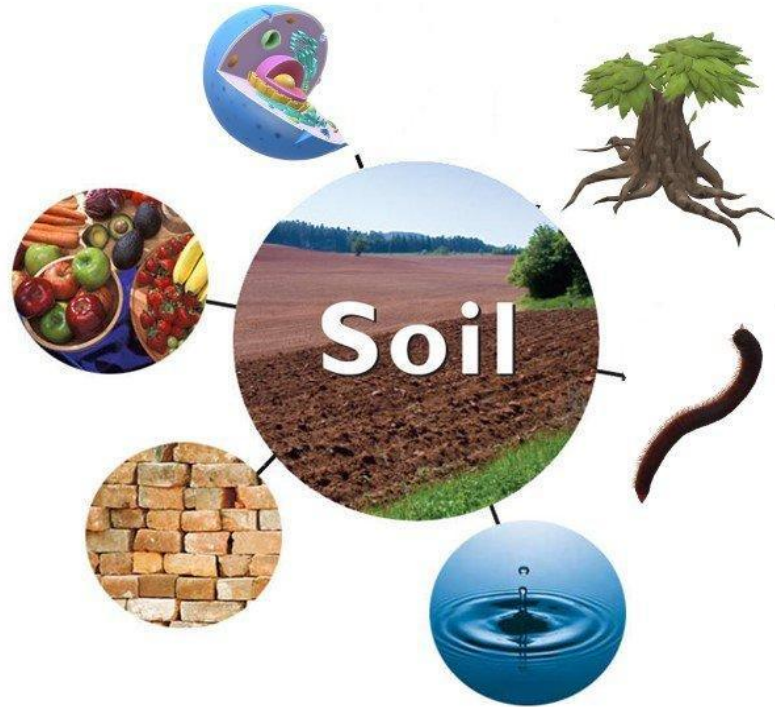




The Soil Beneath Us

Taibat Dauda

What role does soil play in supporting life?



Definition of soil



Importance of soil to plants and all life on earth



Soil types and observations



Soil types and observations

How does each soil type feel and look?



Relationship between soil quality and plant growth

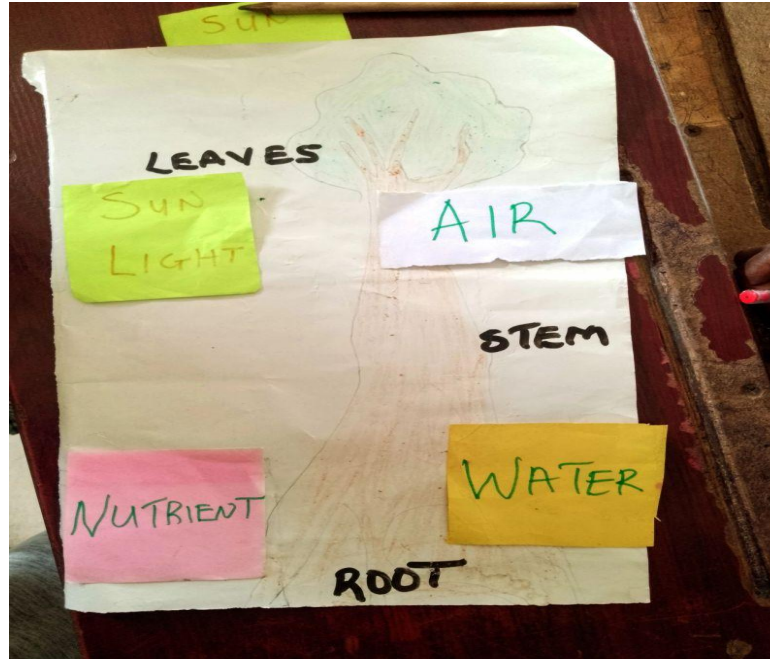


Planting activity



Community research- Water scarcity and plant needs

Why might water recycling be important in areas where water is scarce?



Practical solution to water scarcity



Process of filtration using handmade water filter



Brainstorming activity – Excursion and observation

What kind of soil do you see? Do these plants look healthy?



Global challenge

How can farmers in areas with steep hillsides, low-lying wetlands, or dry deserts grow healthy crops despite challenges like soil erosion, waterlogging, and desertification?



Global challenge

Which of these solutions do you think would work in your community, and why?



Global challenge

What did you learn about soil and water's role in plant growth?
What do you think happens to plants and animals in places with extreme droughts?



Thank You!

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