Global Young Soil Scientist Program

Activities

Engage in hands-on activities that foster understanding and practical application:

- Converting leaf litter to nutrient-rich compost.
- Identification of soil fauna, exploring the diverse organisms that contribute to soil ecosystems.

Application of compost on the horticultural landscapes of schools and higher education institutions.

Benefits

- Increase beneficial microbial consortia and soil fauna
- Increase water-holding capacity
- Supply 16 + elements essential for plant growth - carbon (C), oxygen (O), hydrogen (H), nitrogen (N), phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), sulfur (S), iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), boron (B), molybdenum (Mo) & chlorine (Cl)
- Create soil that is easier to cultivate, promoting healthy root growth and overall plant development.
- Facilitate seed germination and promote the establishment of healthy and disease-resistant plants.
- Eliminate competition between plants and microbes for nitrogen.
- Reduce drought damage to plants by improving moisture retention.
- Enhance overall plant health.
- Decrease urban heat island effect
- Sustain aquifer
- Reestablish/ sustain natural cycles

Outcome

By participating in the Young Soil Scientist program, you can contribute to:

- Topsoil ecosystem restoration in schools and higher education institutions.
- Active participation of children and youth in restoration initiatives.
- Enhancing soil health and sustainability practices in local communities.

Transformation – ‘pro-nature individual’

For more information, visit www.apsccglobal.org or contact info@apsccindia.org