

ES20-TE1

Analyze the importance of soils as an integral component of terrestrial ecosystems.

Indicators for this outcome

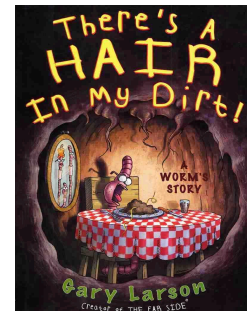
- Recognize how the breakdown of parent material through various processes
- (b) (e.g., weathering, erosion, deposition and decomposition of organisms) results in soil with varying properties (e.g., colour, texture, structure and pH). (K)
- Recognize the role and diversity of organisms (e.g., nitrogen fixing bacteria,
- (h) fungi, mycorrhizae, insects, plants and protists) found within soil environments. (K)

Read the book:

There's a Hair in My Dirt: A Worm's Story

<https://docs.google.com/presentation/d/17707aaAKP0w0blF46ya8xPWUOEf0kcudZa6zjqriyWc/edit>

After you have read this story, Write a review of the book. In your review, include a description of how a Nature Lover may be different from a person who understands nature.



Also, research and describe how small, seemingly insignificant organisms such as the earthworm are beneficial to soil environments. Discuss how earthworms and other small organisms aid in the deposition and decomposition of organic matter. Also, indicate other small or microscopic organisms that may be found in healthy soil.