



# TeachEngineering

Exploring the Earth's Critical Zone with Edible Model Cross-Sections



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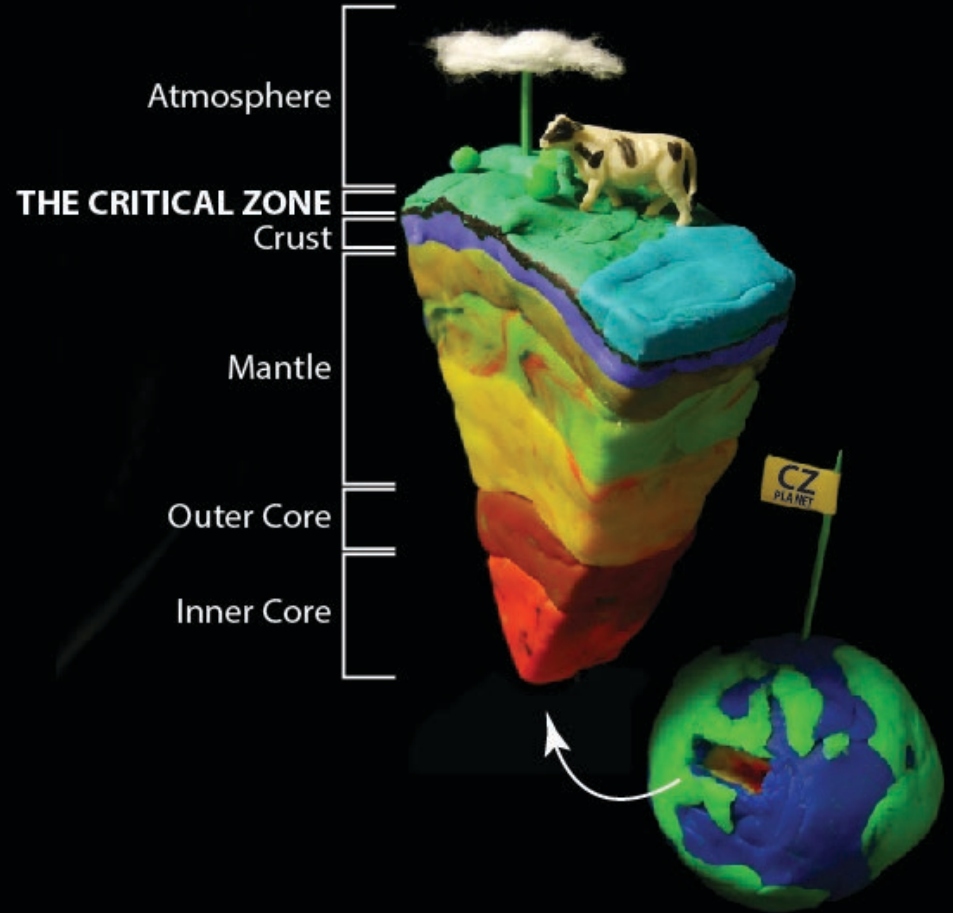
# What is the Critical Zone?



The Critical Zone is Earth's outer skin, defined from bedrock to treetop.

**We ALL live in the critical zone!**

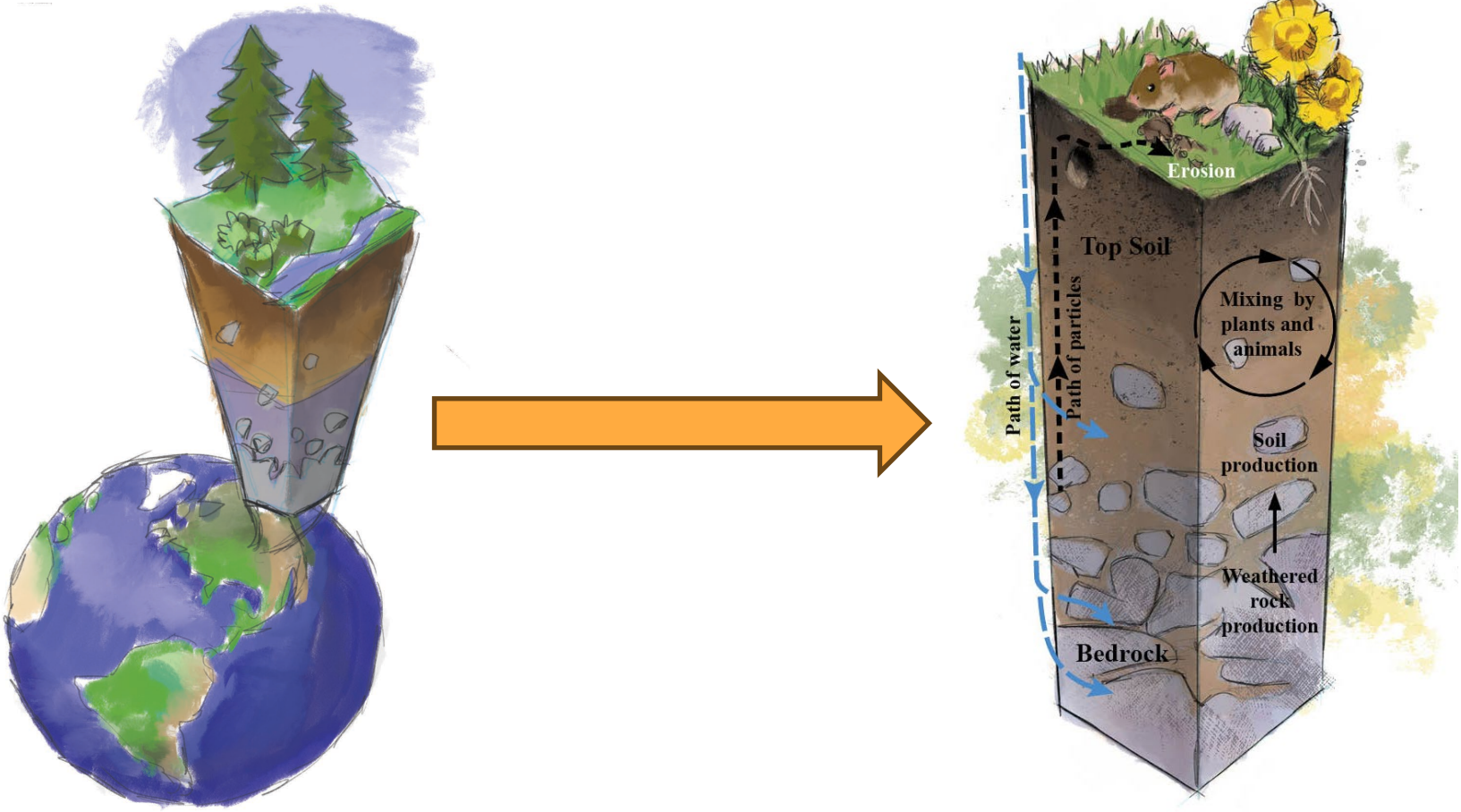
# Earth's Layers

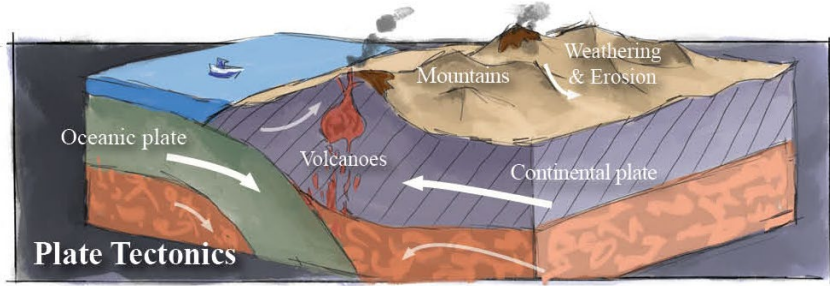


# Why is the Critical Zone critical?

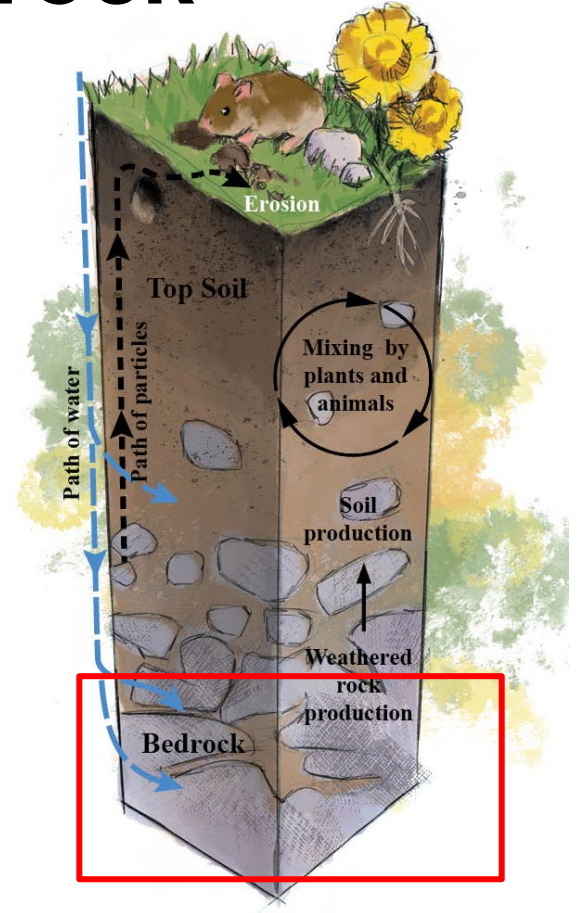


# Let's make a cross section of the critical zone!

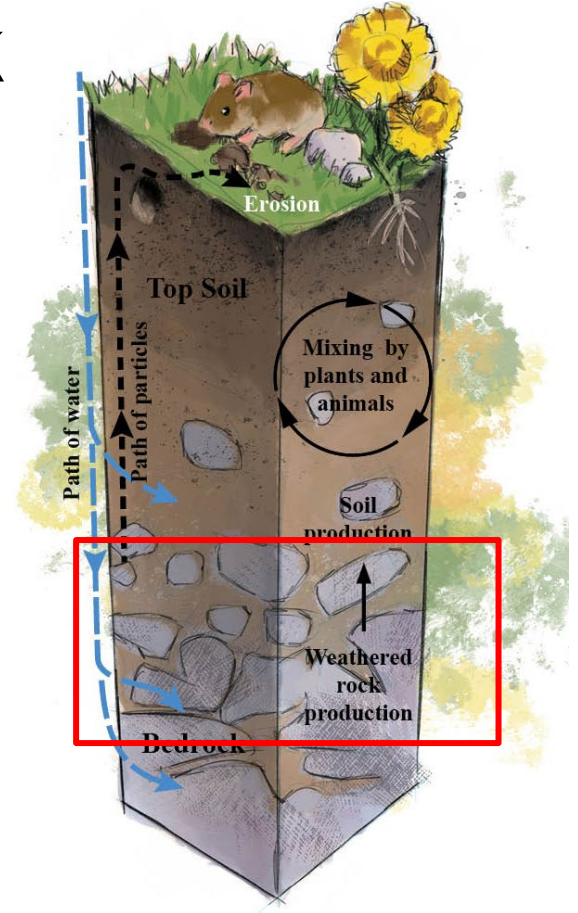
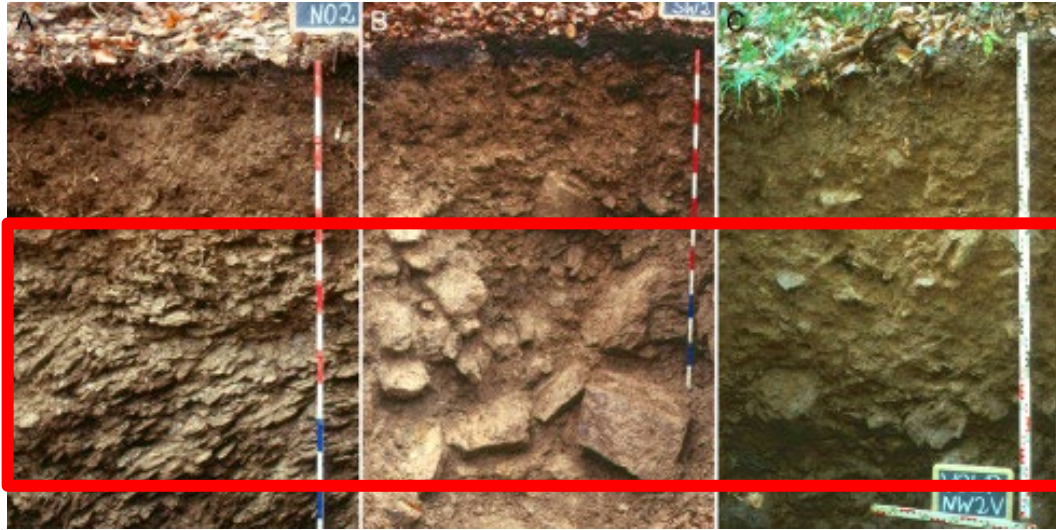




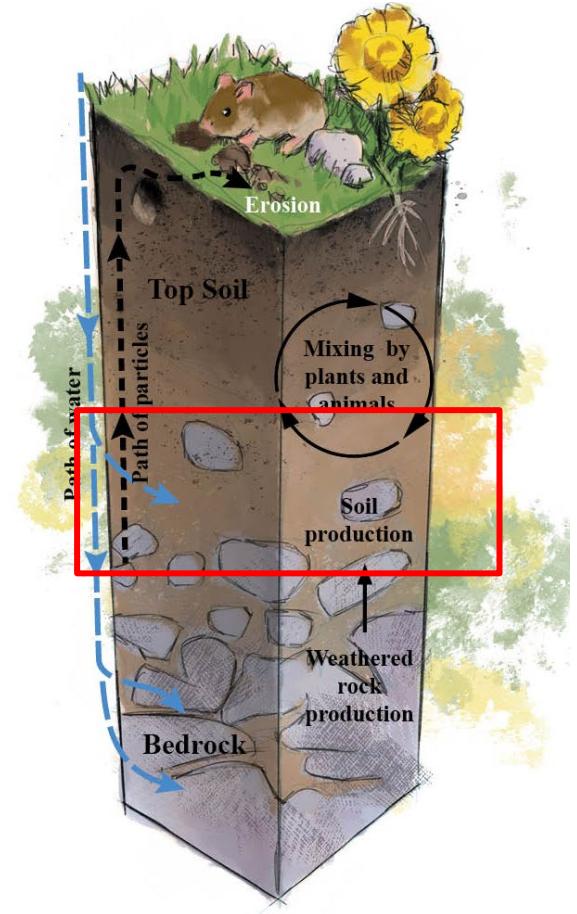
# Bedrock



# Saprolite - Weathered rock



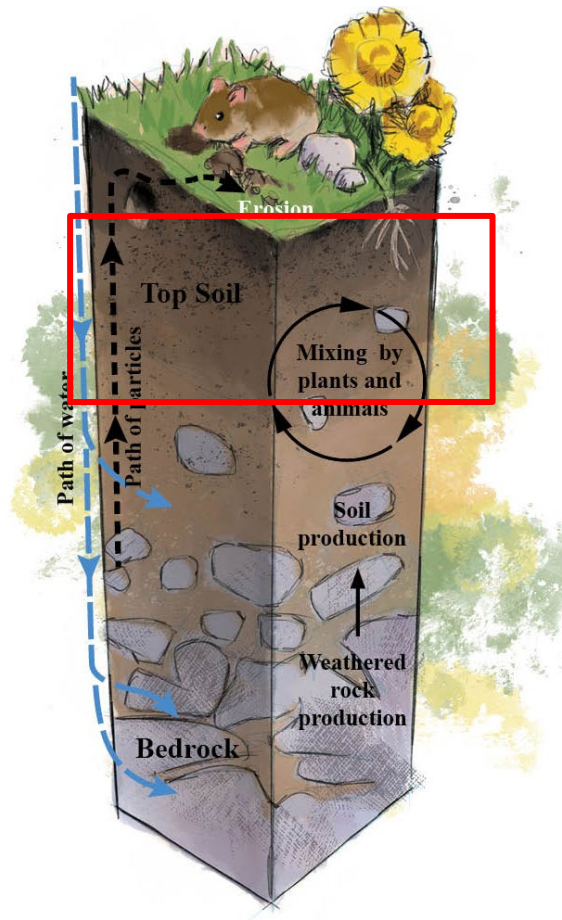
# Subsoil





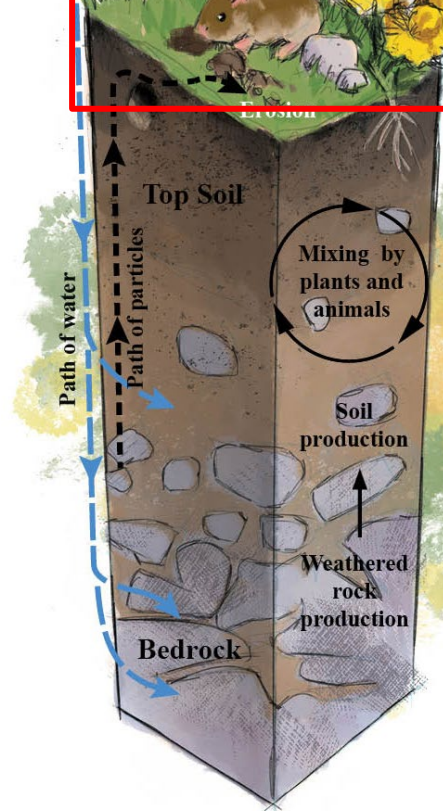


# Topsoil





# Organic layer



# Cycles are going through all the layers

