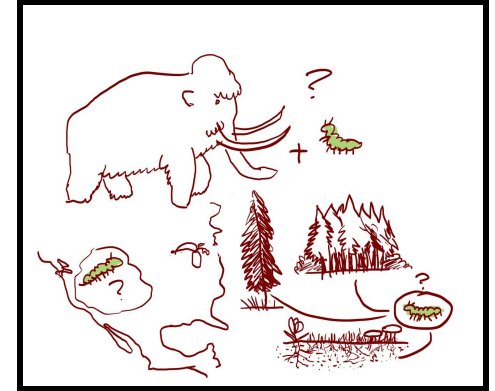


LE 2.3 Taking A Focused Family Walk Together: Thinking Across Scales

Please return by _____

Activity Purpose:

Our class spent the day talking about the idea of **scale**. Discuss as a family what that word means to you! This guided walk will help focus your thinking across scales while observing your place. This helps us to develop a deeper understanding of our socioecological systems. We often observe what is in front of us, but there is so much more to notice and wonder about! Consider the history of the place where you live. What does it look like vertically, horizontally? How does it change across seasons? Across years?



Activity Overview:

- Use the activity sheet to guide your thinking while you walk.
- Look for something interesting you notice while thinking across scales and draw or write what you see.
- If any new questions come up, write them down and come back to them later.
- Extension ideas: Try taking a hand lens and go for a “micro-hike”. Take a length of string and stretch it out on the ground. Pretend you are a tiny bug going for a hike.

What can you do to support Learning?

- Before you head out on your walk, do some research about the place you are in. *What did this place look like before animals and humans? What will it look like in the future?*
- *What is life like for this tiny bug? Who is this tiny bug in relationship with?* Stand under a tall tree and look up towards the sky. *What has that giant tree lived through?*
- Ask questions that draw attention to seasonal time scales. *What will this place look like in the winter? How will it change as we move into the summer months?*
-



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LE2.3 Family tool: Thinking across scales

Thinking across scales while observing helps us to develop a deeper understanding of our socio-ecological systems. This includes considering different time and space scales, looking for signs of life cycles, energy cycles, water cycles, etc. Some questions to consider while you are walking with your family:

- *What did this place look like before animals and humans? What will it look like in the future? (time scale)*
- *What is life like for this tiny bug? What has that giant tree lived through? (size scale)*
- *Why do we see this swarm of ants in the crack in the sidewalk? Why is one ant by himself? (population scale)*
- *Where has this water been before it came here? Where will it go from here? (time scale)*

*Draw or write down any signs you notice while thinking **across scales**
What scales have you used to think with? What do your observations
make you wonder?*

We noticed:



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LE2.3 Family tool: Thinking across scales

[illegible]

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