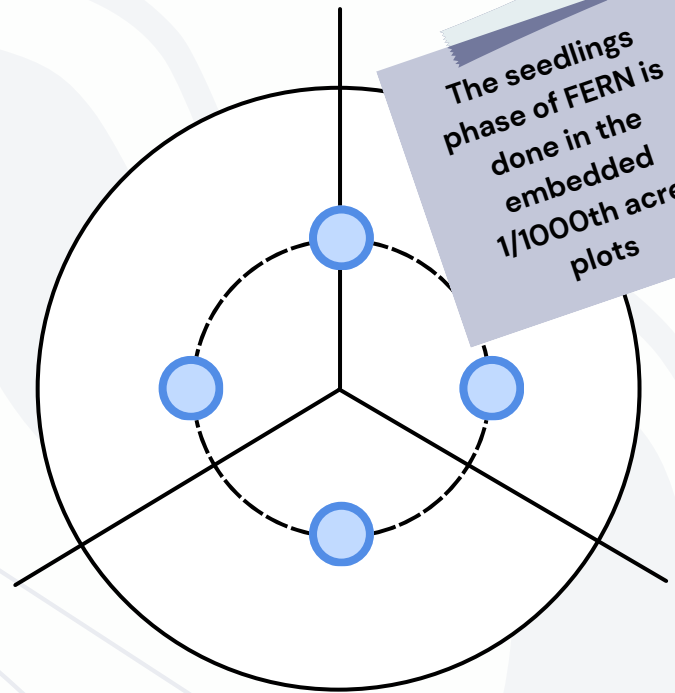


Seedlings Data Collection

Take a few minutes to walk around your FERN plot and record your thoughts.

Work with your classmates to find the boundaries of the 1/10 acre plot and the embedded 1/50 acre and 1/1000 acre plots. Find and walk your transect lines. Make a note of the date, the weather, and any other information you think might impact how you move through the activity today.



What do you notice about the forest around you?

What do you wonder?

The **Seedlings** activity examines the littlest trees in the FERN plot. If saplings are the teens of the forest, seedlings are the children. **Seedlings** are defined in this activity as trees that are 6 inches or taller, but less than 0.9 inches in diameter at breast height.

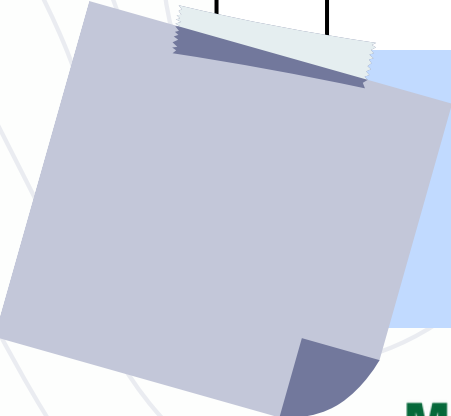
Why do you think we have multiple smaller plots?

Why would we collect seedlings data in four small plots rather than just one bigger plot?

Like the Saplings activity, we will tally the number of seedlings in size classes for each species. Unlike the Saplings activity, here we use size classes determined by height rather than DBH. **Why do you think we lump similarly sized seedlings together based on their height instead of their diameter at breast height?**

Seedlings Data Collection

Plot	Tree Species	Height Size Classes			
		1	2	3	4



Height Size Classes:
Class 1: 6 inches - 11.9 inches tall
Class 2: 12 inches - 23.9 inches tall
Class 3: 24 inches - 53.9 inches tall
Class 4: 54in+ and DBH is less than 1in