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STEM/2nd and 3rd

Biome Garden

1. Plan/Layout of our area: We are going to trim everything up and take out all of the dead plants and leaves. As well as removing the two tree stumps in the area and cleaning up the stone pathway. If the budget allows, our group also hopes to add a gravel layer to the biome, it would add a more fitting terrain to a 'desert biome'.

2. Plants we want: We are going to add a couple of small desert plants such as the kalanchoe tomentosa plant, we should be able to get them from the sloat garden center in Novato.

3. Plants/Animal interactions our area supports: The main plant, two desert agave, are most often pollinated by bats and hummingbirds the eat nectar secreted by the flowers overnight. As for the desert fan palm trees, the dead leaves lining the trunk serve as shelter for birds, insects, and sometimes small rodents.

4. Does your soil need to be amended to support growth?(sheet mulching): At the recommendation of the Master Gardeners, we hope to add some compost to the area to amend the almost completely barren soil.