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Garden Lesson:

*Measuring and Counting in the Garden*
Learning Goals

• Using authentic tools for measurement

• Counting from 1 – 12

• Getting my students familiar with numeracy
Materials Needed

• Unifix Cubes
• Clipboards and worksheet
• Pencils
Activities

• Our garden coordinator helped us find seeds and seed pods in the garden.
• We opened them up and compared the size and shapes of the seeds we found.
• We counted the seeds we found inside.
• Students used cubes to measure the giant collard greens.
• They compared mature leaves to the younger plant leaves, comparing size and shape.
• I brought a few of the collard leaves back into the classroom for display.
Outcomes

• My students are so interested in what they find growing in the garden.

• Counting and talking about numbers builds on their excitement.

• This activity gives them practice noticing details like seed pods and the many other interesting things we find along the way.

• Fortunately, we are also given the opportunity to taste many of the plants that we use for math activities. Tasting plants that we use for activities help my students grow to appreciate vegetables more!

• Using the garden as our outdoor classroom is a special treat that gives students the opportunity to assume the roles of scientists and mathematicians!