

Using Nature to Meet Educational Standards

MATH **Fifth Grade**

Activity #1:

Materials: rulers, pencil/pen, piece of paper

Head out to the outdoor classroom or school grounds. Have each group of two choose a plant - any plant.

Using the ruler, measure the length of 10 different leaves on the one plant (measure to 1/4 inch). Record the lengths on your piece of paper.

Choose another plant and again measure 10 different leaves on the one plant (measure to 1/4 inch). Record the lengths on your piece of paper.

Head back into the classroom. Calculate the mean, median, and mode for each plant. Which plant has the largest mode? Which plant has the largest mean leaf. What do the median lengths for each plant tell you?