
MEASURING IN INCHES



2nd Grade
Math
30 Minutes (all on-site)

Prerequisites:

Students should understand the basic concept of measurements and should be prepared to learn how to handle a ruler.

Learning Objectives:

Students will learn to use a ruler to measure select items in inches.

Required Materials:

- ❖ Pencils
- ❖ Attached Worksheet
- ❖ A few full length rulers, or measuring tape.
- ❖ Optional: clipboards / portable writing surface

Directions:

At Save the Giants Park, demonstrate the basic function of measuring in inches by holding a small item (<6") up to a ruler. The ruler provided includes inches and half-inch marks, so students should be instructed to record the number that most closely matches the item selected. Full-length rulers may also be available on-site (see *Park Resources* for additional information). After this demonstration, have students work alone, or in pairs, to complete the attached measurement worksheet. After they complete the assignment, have students discuss the measurements that they discovered as a group. You may consider asking questions like: "What was the largest thing you found?" "Did anyone find anything over six inches?" If a student reports finding a very small pinecone, you may want to ask whether any other students found much larger pinecones on the site. What items had the largest variation in size? Which ones had the smallest variation in size?

Taking Measurements

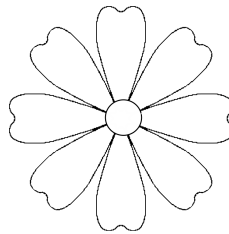
Find each of the following items in Save the Giants Park!

Use the ruler at the bottom of the page to measure the length of each item you find.

Make sure to write the measurements down!



Pinecone: _____ in.



Flower: _____ in.



Rock: _____ in.



Twig: _____ in.

Which item was the **longest**? Draw a **circle** around the longest item.

Which one is the **shortest**? Draw a **square** around the shortest item.

