

**Project FOCUS
Best Lessons
FIRST GRADE**

Title of Lesson: Measurement

Theme:

Unit Number: **Unit Title:**

Performance Standard(s) Covered (enter code):

S1CS2

S1CS3

S1CS4

S1CS6

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Units of measurement, data collection

Learning Activity (Description in Steps)

Abstract(limit 100 characters): This project teaches kids about using nonstandard units to measure everyday objects.

Details: Hold up some common objects and ask students how large they are. Ask the students if they have any idea how to measure the size of objects. Explain the concepts of length, width, and height.

Each group receives one handout per station. At each station the students will use the given units to measure the objects as indicated on the handouts. Some stations will take teamwork and creativity (measuring a chair with crayons). Ask the students questions like which objects worked best to measure (pennies vs play dollars to measure a fire truck, for example). If a group finished early, ask them to come up with other ways to measure the objects. Each station should take about 10 minutes.

Materials Needed (Type and Quantity):

For four different groups of students:

8 different units of measurement (crayons, unsharpened pencils, straws, spaghetti noodles, index cards, pennies, play dollars, student's own feet, student's own hand)

4 things to measure at each station:

Station 1: White paper, table top, chair height (theme: things you use to write)

Station 2: metal spoon, cookie scooper, pot, wooden spoon (theme: things you use to eat)

Station 3: Book, assorted toys (theme: things you like to buy)

Station 4: Cubby height, carpet length, door width, distance to the doorknob (theme: things you use in the room)

Handouts

Notes and Tips (suggested changes, alternative methods, cautions):

Make sure the students do not eat the raw spaghetti noodles.

Sources/References:

- 1)
- 2)
- 3)