

**Kindergarten Core Knowledge
Math
Measurement Unit Organizer**

Summary

Students will be able to compare objects according to linear measure, weight and capacity.
Students will be able to identify instruments of measurement such as a ruler and scale.

The Big Idea

Length, height, weight (mass) and capacity (volume) can all be measured using instruments.

Colorado State Standards

MA.K.4.2.a Describe and compare measurable attributes

MA.K.4.2a.i Describe measurable attributes of objects, such as length or weight

MA.K.4.2a.ii Describe several measurable attributes of a single object

MA.K.4a.iii Directly compare two objects with a measurable attribute in common, to see which object has “more of/less of” the attribute, and describe the difference

MA.K.4.2.a.iv Order several objects by length, height, weight, or price

Singapore Math Unit:

- I. Mathematics
 - A. Measurement
 - 1. Length and Size
 - 2. Weight
 - 3. Capacity

Previous Unit: Patterns

Next Unit: Comparing Numbers to 10

What Students Will Learn in Future Grades:

Grade 1

- *Compare objects according to linear measure: Measure length in feet and in centimeters
- * Weight (mass): compare weight of objects using a balance scale, measure weight in nonstandard units and in pounds
- * Capacity (volume): estimate and measure capacity in cups, identify quart, gallon

Cross Curricular Links

Literature:

- *Goldilocks and the Three Bears

Geography:

- *Physical Maps

Additional Resources

For Teachers:

- **Singapore Math Teacher’s Guide, Book A*

For Children:

- *Math Counts, Weight Henry Pluckrose (Childrens Press Chicago, 1995)*
- *Math Counts, Length Henry Pluckrose (Childrens Press Chicago, 1995)*
- *Math Counts, Capacity Henry Pluckrose (Childrens Press Chicago, 1995)*