

Grade 4 Unpacked Math Standards – Measurement

4.M.1.1. Students are able to **identify** equivalent periods of time and **solve** problems.

Webb Level: 2

Bloom: Knowledge

Verbs Defined:

Identify- name

Solve-solve

Key Terms Defined:

Equivalent periods of time - days in a year, minutes in an hour, hours in a day, months in a year, etc.

Teacher Speak:

Students will be able to name and find equivalent periods of time and solve problems.

Student Speak:

I can name (identify) equivalent periods of time (days in a year, minutes in an hour, hours in a day, months in a year....).

I can solve problems using what I know about equivalent periods of time (days in a year, minutes in an hour, hours in a day, months in a year....).

4.M.1.2. Students are able to **solve** problems involving money including unit conversion.

Webb Level: 2

Bloom: Application

Verbs Defined:

Solve - find the answer

Key Terms Defined:

Unit conversion - to change from one form to another, i.e. dollars to change, change to dollars, etc.

Teacher Speak:

Students are able to solve (find the answer) problems involving money including unit conversion (to change from one form to another).

Student Speak:

I can find the answer (solve)to problems involving money.

I can take money and change it from one form to another (unit conversion)

4.M.1.3. Students are able to use scales of length, temperature, capacity, and weight.

Webb level: 1

Bloom: Application

Verbs Defined:

Key Terms Defined:

Length – how long something is; the distance from one end to another

Temperature – how hot or cold something is

Capacity – internal volume of an object or container

Weight – how heavy something is

Scale – Units of measure (inches, feet, yards, miles, cups, pints, quarts, gallons, ounces, pounds, tons, degrees Fahrenheit)

Teacher Speak:

Students are able to use appropriate measurement units and tools for measuring length, temperature, capacity, and weight.

Student Speak:

I know appropriate units of measure (inches, feet, yards, miles) and measurement tools(rulers, tape measures, yard stick) for measuring length (how long something is; distance from one end to another.)

I know appropriate units of measure (degrees Fahrenheit) and measurement tools (thermometer) for measuring temperature (how hot or cold something is).

I know appropriate units of measure (cups, pints, quarts, gallons) and measurement tools(measuring cups; pint, quart, and gallon containers) for measuring capacity (internal volume of an object or container).

I know appropriate units of measure (ounces, pounds, tons) and measurement tools (scales) for measuring weight (how heavy something is).

4.M.1.4. Students are able to measure length to the nearest quarter inch.

Webb level: 1

Bloom: Comprehension

Verbs Defined:

Key Terms Defined:

Length – how long something is; the distance from one end to another

Teacher Speak:

Students are able to measure length to the nearest quarter inch.

Student Speak:

I can measure how long something is (length; the distance from one end to another) to the nearest quarter inch.

Working Document