

AR Remediation Plan – Length, Weight/Mass, Liquid Volume, and Temperature

Measurement Bingo

STRAND: Measurement and Geometry

STRAND CONCEPT: Length, Weight/Mass, Liquid Volume, and Temperature

SOL 4.8a; 4.8b; 4.8c; 5.9a

Remediation Plan Summary

Students play BINGO to reinforce measurement skills.

Common Errors and Misconceptions

Students have a difficult time measuring and changing units. They need a lot of practice working with measurement and converting between units.

Materials

Attached BINGO cards

Chips/counters to use as markers

Stopwatch

Introductory Activity

Group students into pairs, and have each pair list the customary units of measure used for length, weight/mass, liquid volume, area, and temperature. Allow each pair to present their list, and have them add any unit(s) they may have missed.

Plan for Instruction

1. This game is effective as a closing activity for a lesson on measurement. Determine which skill you wish the students to practice, and select the appropriate BINGO card for reinforcing (1) customary measurement, (2) metric measurement, (3) ballpark comparisons, or (4) conversions between customary and metric units.
2. Give students the BINGO cards and chips/counters to use as markers.
3. Call out a measurement from the answer-key card. Students must determine where the answer fits correctly and cover that square with a marker within a predetermined, limited period of time. When time is up, call time, and have all students put down their markers. Announce the correct answer. If students did not cover the correct answer *before* you read it aloud, they may not mark it afterwards. If students covered a square incorrectly, they must remove their marker from that square.
4. Repeat step 3 until a student(s) covers an entire row or column, yells BINGO, and wins the game.

Pulling It All Together (Reflection)

Have students create their own BINGO cards for customary or metric measurement, based on the attached cards.

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Note: The following pages are intended for classroom use for students as a visual aid to learning.

Virginia Department of Education 2018

Name: _____

Customary Measurement BINGO

length of a new pencil	length of a person's arm	weight/mass of a newborn baby	temperature of freezing water	weight of an elephant
distance from Virginia to California	liquid volume of a large container of milk	temperature of boiling water	length of a paper clip	weight of a large dog
liquid volume of a serving of soda	normal body temperature	liquid volume of a large bucket	weight/mass of a nickel	liquid volume of a small carton of milk
volume of a container of ice cream	length of a football field	measurement of new carpet needed for your room	temperature of the classroom	liquid volume of a bathtub

Name: _____

Metric Measurement BINGO

length of a new pencil	length of a van	weight/mass of a newborn baby	temperature of freezing water	weight/mass of an elephant
height of the room	liquid volume of a large container of soda	temperature of boiling water	thickness of a dime	weight/mass of a grain of salt
liquid volume of a small cup of coffee	normal body temperature	liquid volume of a car's gas tank	weight/mass of a nickel	length of a baseball bat
weight/mass of a paperclip	length of a walking race	weight/mass of a 12 year old	temperature of the classroom	liquid volume of a bathtub

Name: _____

Equivalent Units BINGO

8 quarts = _____ gallons	2 pounds = _____ ounces	2.75 meters = _____ centimeters	250 mL = _____ liters	6.5 grams = _____ milligrams
133 milligrams = _____ grams	2 feet = _____ inches	3 quarts = _____ pints	1 ton = _____ pounds	88 meters = _____ kilometers
160 ounces = _____ pounds	1 quart = _____ cups	5,000 meters = _____ kilometers	1 mile = _____ feet	1 mile = _____ yards
8.3 meters = _____ centimeters	8.5 liters = _____ milliliters	6 kilograms = _____ grams	21 feet = _____ yards	15 yards = _____ feet