



Second Grade Independent Learning Project Winter 2024

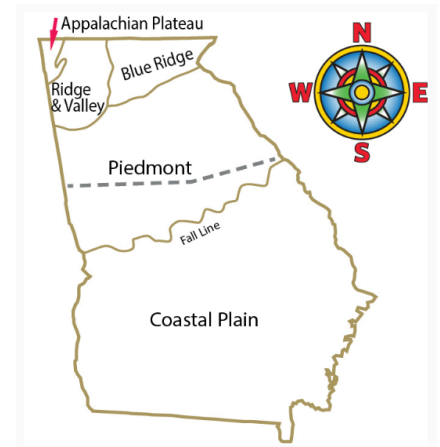
Student Name: _____

Use What You Have to Get What You Need

The Cherokee lived in northern Georgia near the Ridge and Valley region. The Muscogee Creek lived in the Coastal Plain region near the Chattahoochee River along the fall line in southern Georgia.

The Muscogee Creek and Cherokee used their environment's plants, animals, and materials as resources for food, shelter, clothing, and tools. Examples are tree bark, animal skins or hides, stones, logs, mud, deer meat, fish, plants, and berries.

Your Social Studies Task: Look at the details in the photo. List resources in the photo that the Muscogee Creek and Cherokee might have used for food, shelter, clothing, and tools. Then explain how the Muscogee Creek and Cherokee might have used these resources in the environment. Record your thoughts on the "Resources in the Environment" sheet at the packet's end. Be sure to include plants, animals, and other resources.



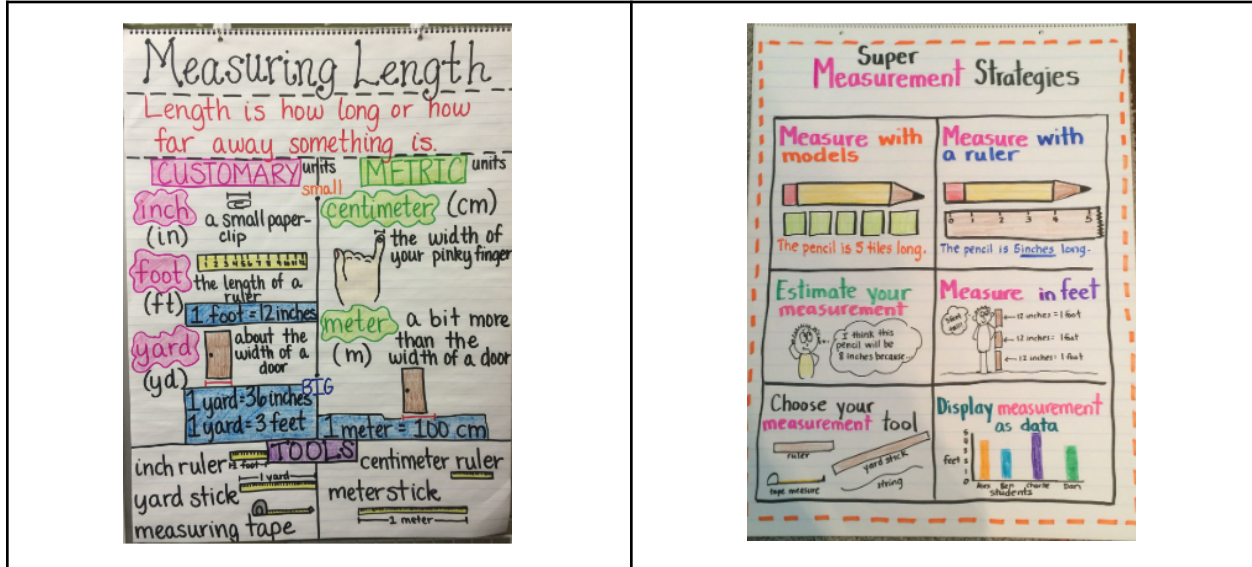
Matter is the substance all things are made of. Matter is all around us and exists in three states: solid, liquid, and gas. Water is a liquid. Liquid matter takes on the shape of its container. Popsicles and ice cubes are solids. Solid matter has a definite shape. Gasses like air and steam do not have a fixed shape. Shape is a physical attribute of matter.

Your Science & ELA Task: Find matter in your home. Write or draw a picture of the items under the column describing them on the "Matter is All Around" sheet. Please refer to the end of the packet for the "Matter is All Around" sheet. Write a friendly letter to your teacher explaining how you determined which column to place your item in. Be sure to include the five parts of a friendly letter (heading, greeting, body, closing, and signature).

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Math Warm-Up

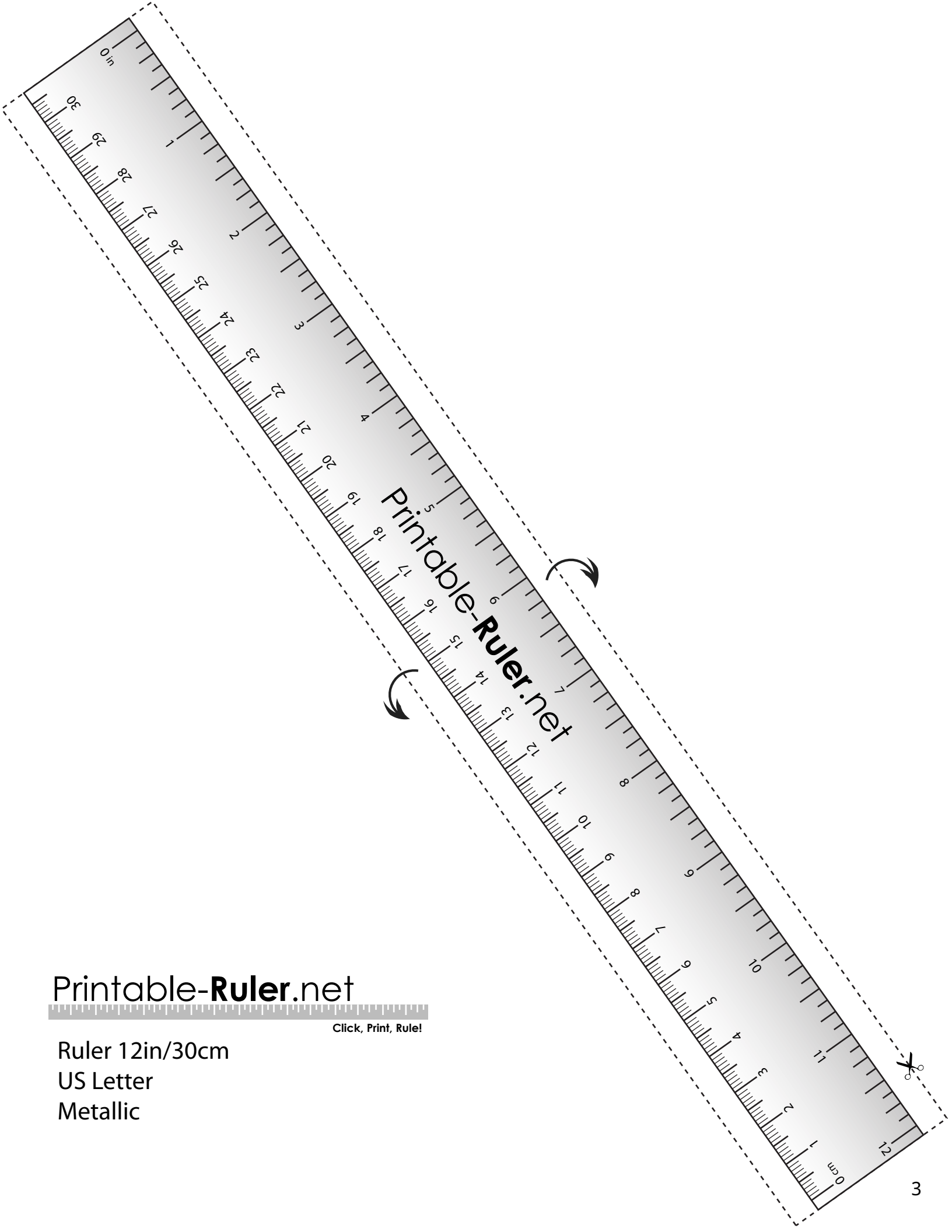
You may want to review the anchor charts regarding measurement.



ESTIMATING DISTANCE

Directions: Determine which letter best represents the length/height. Circle it

Inch (in)	Foot (ft)	Yard (yd)	Mile (mi)
An inch is about the distance of the last joint of your finger	A foot is 12 inches. The length of a ruler	1 yard is the same as 3 feet. From the floor to a door knob is about 1 yard	A mile is 5280 feet. Most major roads are at least a mile long
Popcorn A. 1 inch B. 3 feet C. 1 mile D. 7 inches 	Lollipop A. 1 mile B. 1 foot C. 5 inches D. 3 inches 	Desk A. 2 yards B. 2 feet C. 11 inches D. 6 inches 	
Ferris Wheel A. 6 yards B. 1 mile C. 75 feet D. 100 inches 	Toothbrush A. 10 feet B. 1 yard C. 7 inches D. 4 inches 	Can of Soda A. 1 yard B. 4 inches C. 1 foot D. 1 inch 	



Printable-**Ruler.net**



Click, Print, Rule!

Ruler 12in/30cm

US Letter

Metallic

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Math in Action

Use the [printed ruler](#) to select and measure the length of 5 items you selected for matter around the home.

Item 1 was a _____ . It was _____ inches long.

Item 2 was a _____ . It was _____ inches long.

Item 3 was a _____ . It was _____ inches long.

Item 4 was a _____ . It was _____ inches long.

Item 5 was a _____ . It was _____ inches long.

Optional Open Middle Math Challenge with Family

Can you and your family members find more than one solution to solve this Open Middle Math problem? You may want to cut the numbers 0-9 apart to help you solve this problem.

0	1	2	3	4
5	6	7	8	9

ADDING AND SUBTRACTING TWO-DIGIT WHOLE NUMBERS

Directions: Directions: Use the digits 0 to 9, at most one time each, to make a true statement.

$$\square\square - \square\square = \square\square + \square\square$$

Hint

What's your best first move? Does it make more sense to start with the addition or subtraction?
What's the greatest value you can find? smallest value?

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Resources in the Environment

Look at the details in the photo. List resources in the photo that the Muscogee Creek and Cherokee might have used for food, shelter, clothing, and tools. Then explain how the Muscogee Creek and Cherokee might have used these resources in the environment. Be sure to include plants, animals, and other resources.



Resource in the Environment	How the Resource Might Be Used

Name _____ Date _____

Matter is All Around

Find matter in your home. Write or draw a picture of the items under the column describing them. On the next page, write a letter to your teacher explaining how you determined which column to place your items in.

Solids	Liquids

