

Liquid Tool Hunt

Find, name and use different measuring cups.

GRADE 2 • 2.MG.1.a.iii

2.MG.1.a.iii "Explain the purpose of various measurement tools and how to use them appropriately by: identifying different types of measuring cups as instruments to measure liquid volume."

NAME _____

DATE _____

Work with an adult. Point, try the tools and talk. Write in the tables and on the lines.

Materials and setup

Bring A, a clear side-view liquid measuring cup, and B, an angled-view cup with an inside scale. Both need U.S. cup marks, a spout and room above the 1-cup mark.

Also bring a labeled dry 1-cup measure, an unmarked drinking glass, ruler, pencil, water and a tray. An adult helps pour and reads aloud.

Look at the real tools

A side-view liquid measuring cup has marks on its side. An angled-view cup has a slanted scale inside. Both measure liquid volume. A dry measuring cup is filled level at its rim.

Try it together

An adult shows an unmarked drinking glass. Can we read a measured number of cups from it?

Check for a scale

Look	Finding
Drinking glass	No cup marks
Read an amount?	Cannot read cups

Look for a cup scale. There is none. Use a labeled measuring tool to find an amount in cups. No. We cannot read cups from this unmarked glass.

1. Find two measuring cups

Look at the real tools A and B. Name each style of measuring cup. Point to where you read its cup marks. Write its style: side-view or angled-view.

Name the real tools

Tool	My record
A	
B	

2. What is the same?

Look at A and B. Say one way they are alike. What do both tools help us find?

3. What is different?

Look at A and B. Say one way they look different. Point to the part that shows the difference.

4. Find one cup

On A, point to the 1-cup mark. Do the same on B. Add a check mark after you find each one. With an adult, pour water to the 1-cup mark in A.

I found the 1-cup mark

Tool	My record
A	
B	

5. A cup for soup

We need to measure 1 cup of water for soup. Choose A or B. Write its letter. Tell why it will work.

6. A different job

We want the length of a pencil. Choose the ruler or a measuring cup. Write the tool name. Say what it measures.

7. Can this cup measure?

An adult fills the dry 1-cup measure level with water. Can it measure 1 cup too? Say yes or no. For easier pouring, choose the dry measure or either liquid measuring cup. Explain.

Teacher notes

Read and guide every step. Assess pointing, tool choice and oral explanations; writing is brief. Dry measuring cups are also valid volume tools when filled level. Never mark them as unable to measure liquid.

Task 1

A: side-view liquid measuring cup, with marks on the side. B: angled-view liquid measuring cup, with a scale inside.

Task 2

Both have a cup scale and measure liquid volume. Accept other visible shared features.

Task 3

A is read from the side at eye height. B's angled inside scale can be read from above. Both tools should rest flat; follow each tool's markings.

Task 4

Learner identifies the correct unit and mark on both; water is checked at eye level on a flat surface.

Task 5

Either A or B works: it is a measuring cup with a 1-cup mark.

Accept either tool; confirm the learner uses its cup scale, not another unit.

Task 6

Ruler; it measures length. A measuring cup measures liquid volume.

Learner chooses by the quantity to measure, rather than by whether the tool has marks.

Task 7

Yes. A level, labeled 1-cup dry measure holds 1 cup. Either liquid measuring cup is easier to pour from: its spout and room above the 1-cup mark help prevent spills.