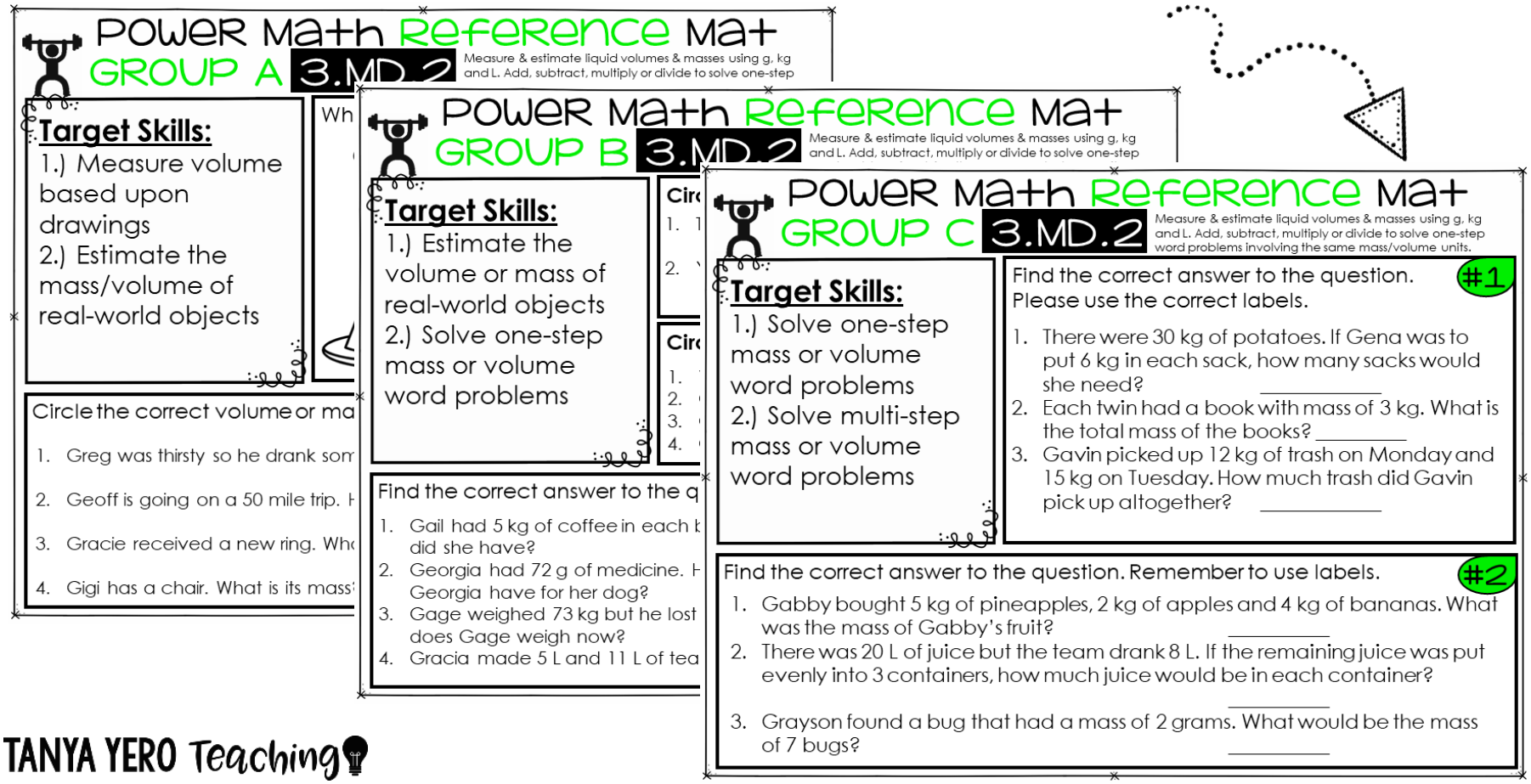
3RD GRADE

POWER MATH Reference Mats

Differentiated | **3 Levels of Work** | **LOW PREP!**



TANYA YERO Teaching

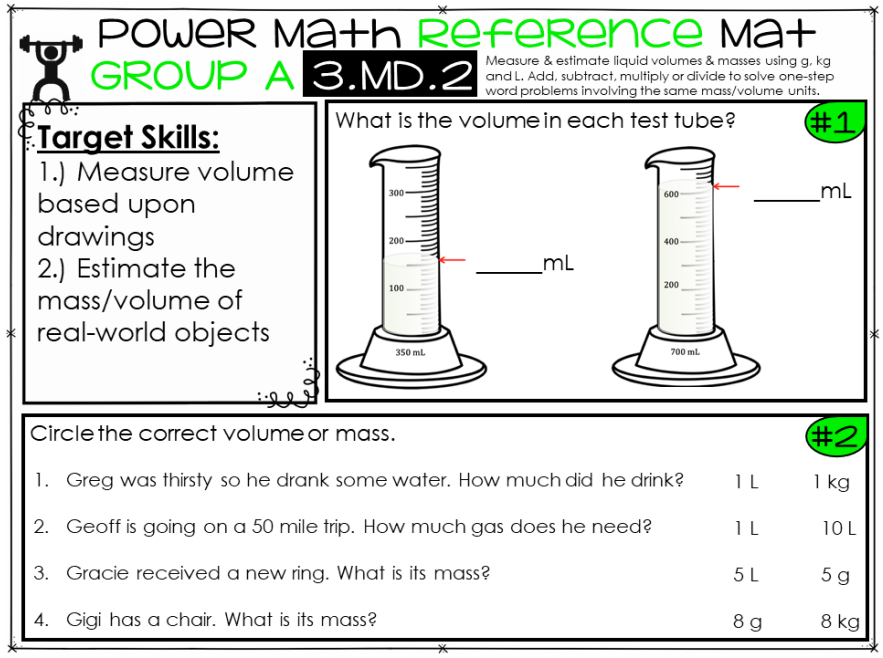
MD * TAKE THE GUESS WORK OUT OF ROTATIONS!

What are POWER MATH Reference Mats?

Guided Math Reference Mats are designed to assist teachers during math rotations. Housed with specific target skills for each level in your class, Guided Math Reference Mats come with various problems for you to give to your students when working in small groups. Group A is for students who are in need of remediation, Group B is for students working on grade level, and Group C is for students who need enrichment.

Design of each mat:

Each mat comes with target skills that are designed to match the needs of each student level in your class. There are questions/problems for each target skill which can be given to your students.



This purchase contains 18 Guided Math Reference Mats for all the geometry standards for 4th grade. For each standard there are three mats for different ability levels in your classroom. Designed to meet the needs of your students, these mats can be used during small group instruction or anytime you need specific examples aligned to remediation, on grade level work, or enrichment. Answer keys are included. Materials needed: whiteboards, expo markers, and erasers OR paper and pencils.

SAMPLE POWER MATH MATS

POWER Math Reference Mat
GROUP A 3.MD.2

Measure & estimate liquid volumes & masses using g, kg and L. Add, subtract, multiply or divide to solve one-step word problems involving the same mass/volume units.

Target Skills:
1.) Measure volume based upon drawings
2.) Estimate the mass/volume of real-world objects

What is the volume in each test tube? #1

Circle the correct volume or m

1. Greg
2. Geof
3. Grac
4. Gigi h

POWER Math Reference Mat
GROUP B 3.MD.2

Measure & estimate liquid volumes & masses using g, kg and L. Add, subtract, multiply or divide to solve one-step word problems involving the same mass/volume units.

Target Skills:
1.) Estimate the volume or mass of real-world objects
2.) Solve one-step

Circle the most likely volume. #1

1. The soccer team drinks water. 1 L 6 L
2. You drink some sports drink after running 2 miles. 1 L 10 L

Circle the most likely mass #2

3 g	3 kg
12 g	12 kg
15 g	15 kg
7 g	7 kg

labels. #3

ee, how much coffee
of coffee
How many doses did
es
tling team. How much

e? ____ **L**

POWER Math Reference Mat
GROUP C 3.MD.2

Measure & estimate liquid volumes & masses using g, kg and L. Add, subtract, multiply or divide to solve one-step word problems involving the same mass/volume units.

Target Skills:
1.) Solve one-step mass or volume word problems
2.) Solve multi-step mass or volume word problems

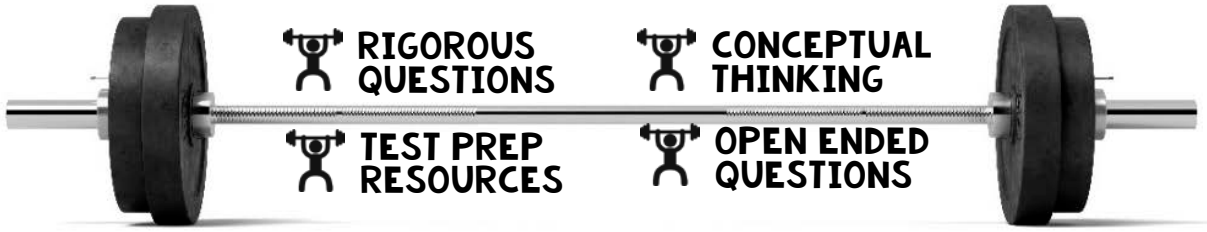
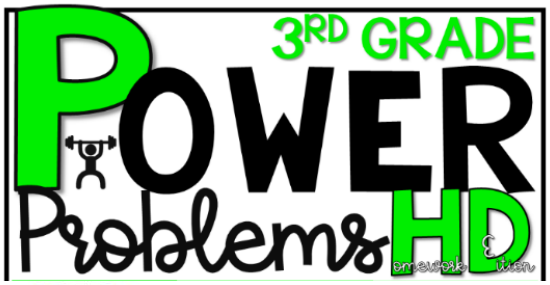
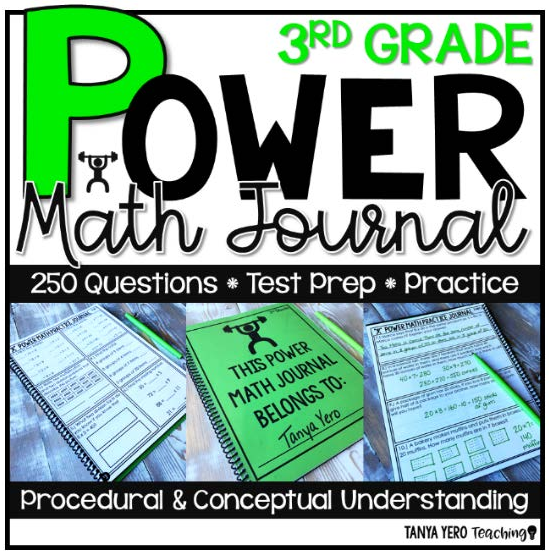
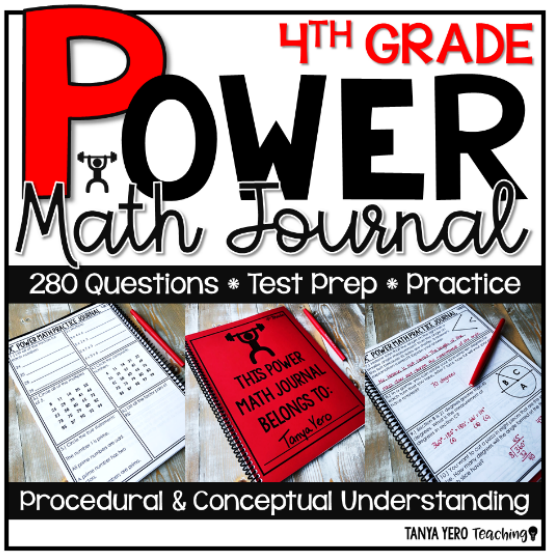
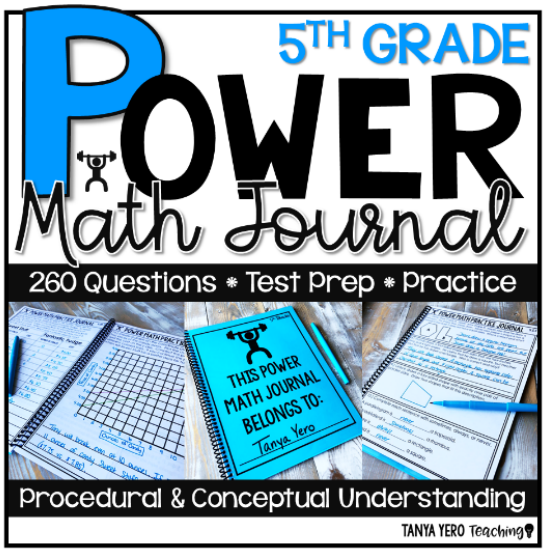
Find the correct answer to the question. Please use the correct labels. #1

1. There were 30 kg of potatoes. If Gena was to put 6 kg in each sack, how many sacks would she need? _____
2. Each twin had a book with mass of 3 kg. What is the total mass of the books? _____
3. Gavin picked up 12 kg of trash on Monday and 15 kg on Tuesday. How much trash did Gavin pick up altogether? _____

Find the correct answer to the question. Remember to use labels. #2

1. Gabby bought 5 kg of pineapples, 2 kg of apples and 4 kg of bananas. What was the mass of Gabby's fruit? _____
2. There was 20 L of juice but the team drank 8 L. If the remaining juice was put evenly into 3 containers, how much juice would be in each container? _____
3. Grayson found a bug that had a mass of 2 grams. What would be the mass of 7 bugs? _____

Don't miss out on more POWER MATH FUN!



CLICK HERE TO SHOP