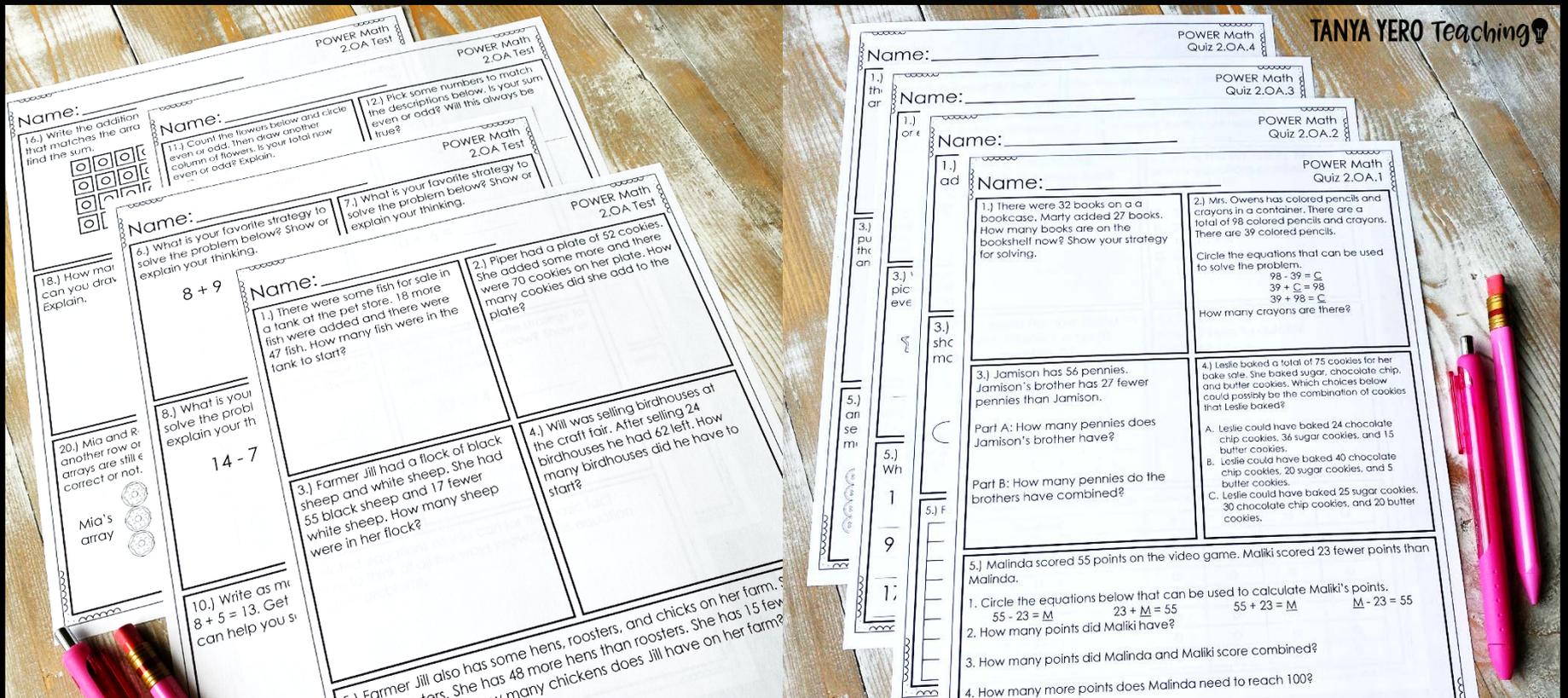


2ND GRADE

POWER

Math Assessments

Quizzes per standard * Pre/post tests per domain



Procedural & Conceptual Understanding

POWER Assessments

What is included?

- Procedural and conceptual based math questions
- Quality prompts and word problems that promote rigorous thinking
- Space for showing work and answers
- 5 questions per standard.
- Combine standards to make longer quizzes
- 20 questions per domain
- Easy prep
- Answer Keys

POWER Assessments



Sample Assessments

POWER Math
Quiz 2.OA.2

Name: _____

<p>1.) What is the missing addend in this equation?</p> $15 = 12 + \underline{?}$	<p>2.) Solve the equations below. Which equations produce an answer of 18?</p> <p>A. $20 - 12$ B. $20 - 2$ C. $1 + 10 + 8$ D. $10 + 5 + 2$ E. $12 + 5 + 1$</p>
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POWER Math
2.OA Test

Name: _____

<p>6.) What is your favorite strategy to solve the problem below? Show or explain your thinking.</p> $8 + 9 = \underline{\hspace{2cm}}$	<p>7.) What is your favorite strategy to solve the problem below? Show or explain your thinking.</p> $10 + 6 = \underline{\hspace{2cm}}$
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POWER Math
Quiz 2.OA.1

Name: _____

<p>1.) There were 32 books on a bookcase. Marty added 27 books. How many books are on the bookshelf now? Show your strategy for solving.</p>	<p>2.) Mrs. Owens has colored pencils and crayons in a container. There are a total of 98 colored pencils and crayons. There are 39 colored pencils.</p> <p>Circle the equations that can be used to solve the problem.</p> <p style="text-align: center;"> $98 - 39 = \underline{C}$ $39 + \underline{C} = 98$ $39 + 98 = \underline{C}$ </p> <p>How many crayons are there?</p>
<p>3.) Jamison has 56 pennies. Jamison's brother has 27 fewer pennies than Jamison.</p> <p>Part A: How many pennies does Jamison's brother have?</p> <p>Part B: How many pennies do the brothers have combined?</p>	<p>4.) Leslie baked a total of 75 cookies for her bake sale. She baked sugar, chocolate chip, and butter cookies. Which choices below could possibly be the combination of cookies that Leslie baked?</p> <p>A. Leslie could have baked 24 chocolate chip cookies, 36 sugar cookies, and 15 butter cookies. B. Leslie could have baked 40 chocolate chip cookies, 20 sugar cookies, and 5 butter cookies. C. Leslie could have baked 25 sugar cookies, 30 chocolate chip cookies, and 20 butter cookies.</p>
<p>5.) Malinda scored 55 points on the video game. Maliki scored 23 fewer points than Malinda.</p> <p>1. Circle the equations below that can be used to calculate Maliki's points. $55 - 23 = \underline{M}$ $23 + \underline{M} = 55$ $55 + 23 = \underline{M}$ $\underline{M} - 23 = 55$</p> <p>2. How many points did Maliki have?</p> <p>3. How many points did Malinda and Maliki score combined?</p> <p>4. How many more points does Malinda need to reach 100?</p> <p>5. How many more points does Maliki need to reach 100?</p>	

POWER Math
2.OA Test

Name: _____

<p>1.) There were some fish for sale in a tank at the pet store. 18 more fish were added and there were 47 fish. How many fish were in the tank to start?</p>	<p>2.) Piper had a plate of 52 cookies. She added some more and there were 70 cookies on her plate. How many cookies did she add to the plate?</p>
<p>3.) Farmer Jill had a flock of black sheep and white sheep. She had 55 black sheep and 17 fewer white sheep. How many sheep were in her flock?</p>	<p>4.) Will was selling birdhouses at the craft fair. After selling 24 birdhouses he had 62 left. How many birdhouses did he have to start?</p>
<p>5.) Farmer Jill also has some hens, roosters, and chicks on her farm. She has 12 roosters. She has 48 more hens than roosters. She has 15 fewer chicks than hens. How many chickens does Jill have on her farm?</p>	

WHAT ARE POWER PROBLEMS?



PURPOSEFUL - These problems are meant to keep students focused, while strengthening initiative and perseverance.



OPPORTUNITIES - These prompts can be used in a variety of ways. P.O.W.E.R problems can be used to introduce a lesson, spiral review, or as formative assessments.

WITH



ENGAGEMENT - Problems are real word applicable and designed to hook students with interest and presentation. Complexity of problems promotes problem solving skills.



RIGOR - Tasks are specifically designed to challenge students and assess conceptual understanding of curriculum versus procedural understanding. Students will need to apply more than just a "formula."

WHY USE POWER PROBLEMS?

BUILD STAMINA WITHIN
YOUR STUDENTS



MORE THAN JUST A COOKIE CUTTER TEXTBOOK APPROACH

- P.O.W.E.R problems are designed to challenge your students with their open ended presentation. Majority of problems that come from textbooks and workbooks assess procedural understanding of curriculum. Some textbooks even provide step by step instructions where the textbook is thinking for the students and taking away that "productive struggle" for children. When we rob students of that event, we rob them of their ability to reason, problem solve, and see beyond a standard algorithm. P.O.W.E.R problems are meant to show students that there are different ways to answer one question in math. With these tasks students take ownership and are part of the problem solving process versus filling in blanks in a textbook.

Don't miss out on more

POWER Problems!



TANYA YERO Teaching💡

3RD GRADE
POWER
PROBLEMS

4TH GRADE
POWER
PROBLEMS

5TH GRADE
POWER
PROBLEMS

3RD GRADE
POWER
Problems **HD**

4TH GRADE
POWER
Problems **HD**

5TH GRADE
POWER
Problems **HD**

3RD GRADE
POWER
Math Journal

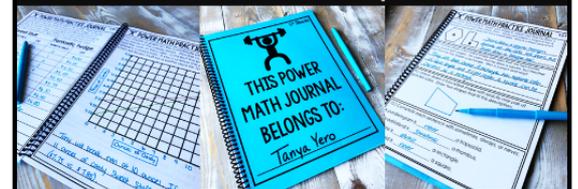
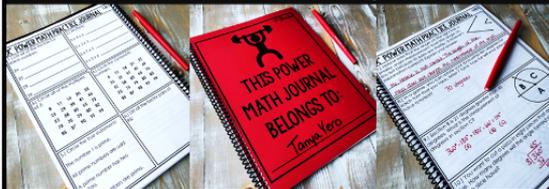
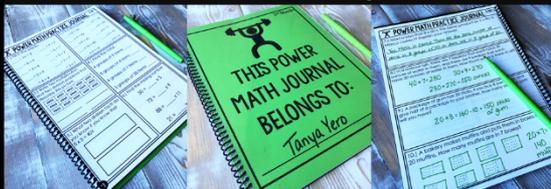
4TH GRADE
POWER
Math Journal

5TH GRADE
POWER
Math Journal

250 Questions * Test Prep * Practice

280 Questions * Test Prep * Practice

260 Questions * Test Prep * Practice



Procedural & Conceptual Understanding

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RIGOROUS
QUESTIONS

CONCEPTUAL
THINKING

OPEN ENDED
QUESTIONS

TEST PREP
RESOURCES