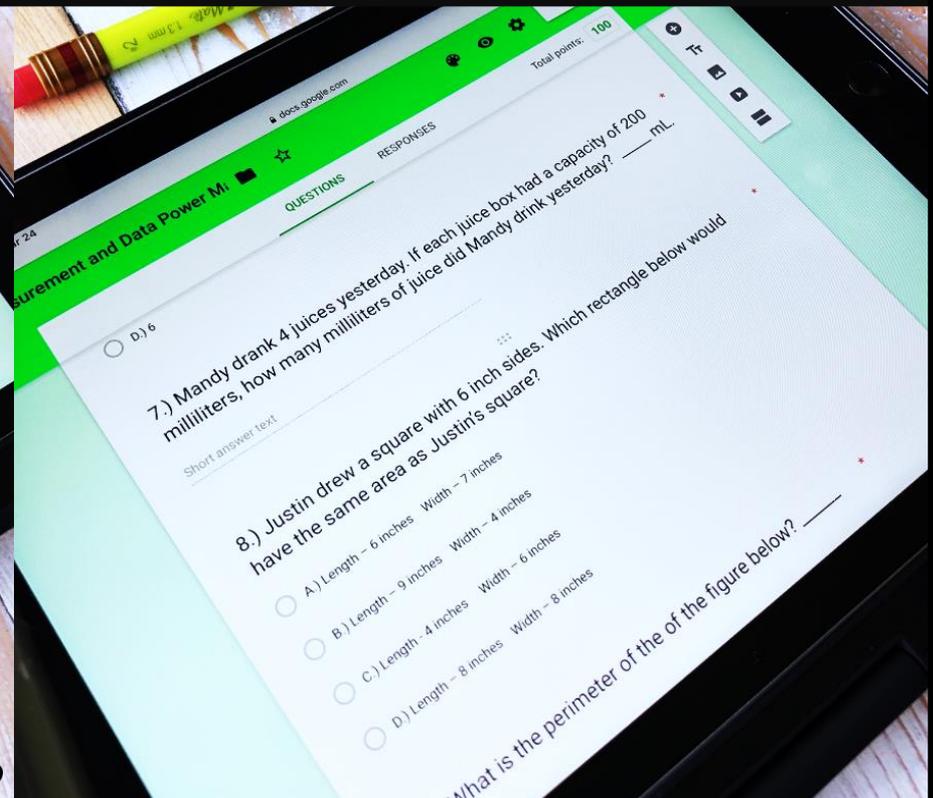
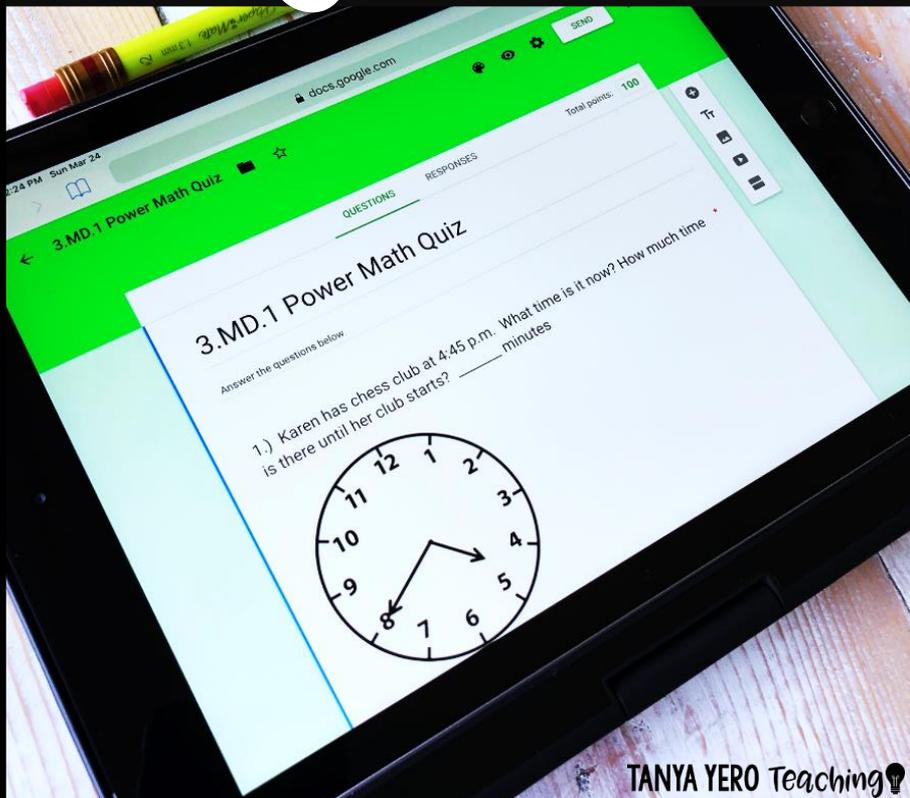


3RD GRADE

POWER

Math Assessments

Digital Version * Editable



Procedural & Conceptual Understanding

POWER Assessments

What is included?

- 225 procedural and conceptual based math questions
- Quality prompts and word problems that promote rigorous thinking
- 5 questions per standard
- 20 questions per domain
- Easy prep
- Manually grades for you
- EDITABLE. Modify, delete, or add questions to fit the needs of your students

POWER Assessments



Directions and tips are included!

Getting Started

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Getting Started

Sharing With Your Students

To assign these assessments to your students you can share the link via a secure class website, email, or thru Google Classroom. See this [article](#) on managing assignments within Google Classroom for more information.

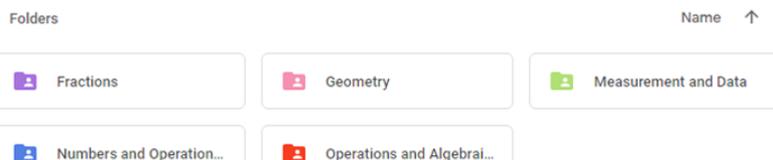


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Organizing YOUR Assessments

Keep your assessments organized by storing them in labeled folders per domain. Click on **MY DRIVE** to **ADD FOLDER**. Label this folder: **4th Grade Math Assessments**. Create folders within your main folder.

My Drive > 5th Grade Math Assessments



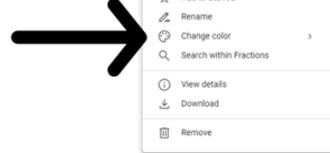
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To change the colors of your folders, right click on a folder and select change color.

Each domain's assessments are color coded.

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Geometry
Measurement & Data
Numbers/Operations in Base Ten
Operations & Algebraic Thinking

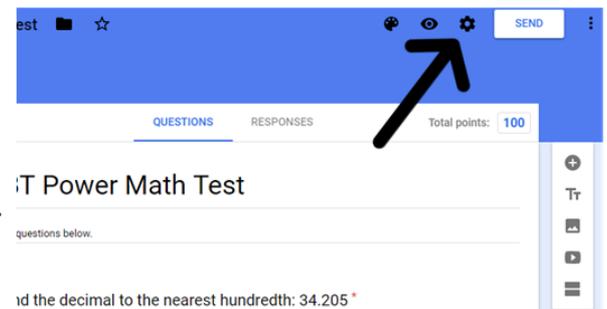


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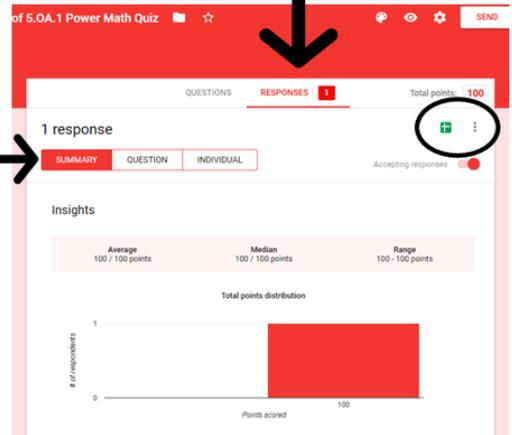
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POWER Assessments



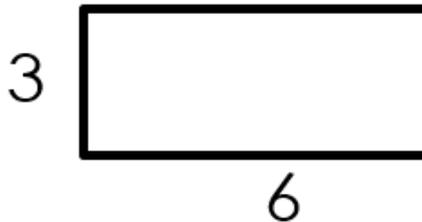
Sample Assessments

Measurement and Test

Answer the questions below.

* Required

1.) Which equation could be used to find the perimeter of the rectangle? *



- A.) $3 + 6$
- B.) $3 + 3 + 6 + 6$
- C.) 3×6
- D.) $3 \times 6 \times 3 \times 6$

2.) Terrance woke up at 7:55. How much time did he spend sleeping? *

3.MD.5 Power Math Quiz

Answer the questions below.

* Required

1.) Yolanda needs to determine how much paint she needs to cover a wall in her room. Should she use perimeter or area to figure it out? Why? *

- A.) Area, because Yolanda is trying to determine the amount of surface covered by the wall.
- B.) Perimeter, because Yolanda is trying to determine the amount of surface covered by the wall.
- C.) Area, because Yolanda is trying to determine the amount of border that runs along the wall.
- D.) Perimeter, because Yolanda is trying to determine the amount of border that runs along the wall.

2.) A square is 1 unit long and 1 unit wide. What is its area? *

- A.) 4 square units
- B.) 1 square unit
- C.) 2 square units
- D.) 6 square units

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.

HOW TO USE POWER PROBLEMS

YOUR KIDS. YOUR
CHOICE. FLEXIBILITY.



TO INTRODUCE A LESSON - P.O.W.E.R problems can be used to introduce a new skill. In this case your students will experience a "productive struggle." Their problem solving skills and prior knowledge will kick in. Often times most of my students will have the incorrect answer or no answer at all. I then have someone explain their method/reasoning and allow my students to critique their peer's answer. This makes for great accountable talk discussions. If I see that most students do not have an answer I will assist the class in getting to a specific point and then allow them to finish independently.



SPIRAL REVIEW - Avoid your students forgetting standards by using P.O.W.E.R problems to spiral review previously taught lessons.



FORMATIVE ASSESSMENTS - You can use these problems to assess mastery and levels of understanding.

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

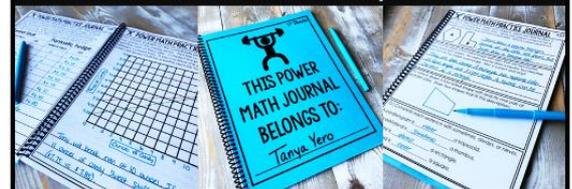
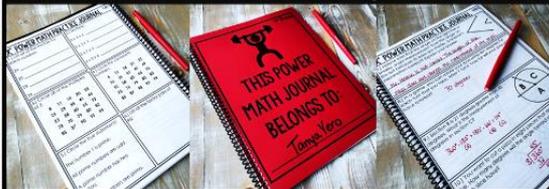
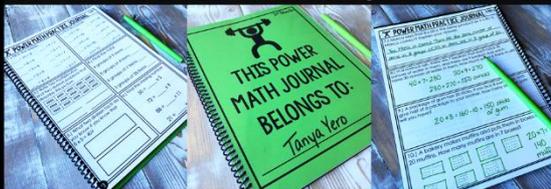
4TH GRADE
POWER Math Journal

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