



Rethinking Math Assessment: Creative Ways to Review and Assess Math

Session Handout

By Loren Thorpe of
Blue Sky Designs by Mrs T

Session Summary Notes

Why Math Assessment & Review Matter

- ~ Helps us to monitor student progress
- ~ Gives valuable feedback on our teaching
- ~ Reinforces student learning

Engaging Math Activities for Effective Review & Assessment

~ Math Journals

The goal is to do this consistently so that it becomes a familiar routine.

Only takes 5 - 10 mins for students to complete each journal entry.

~ Math Puzzles

Examples:

- Addition Puzzles
- Triangle Puzzles

~ Give the Answer

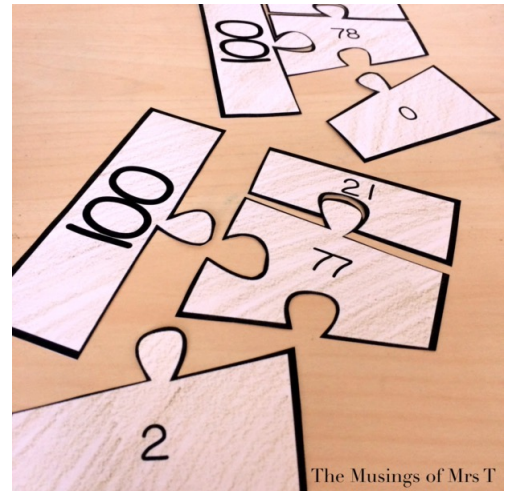
~ Math Challenges

Examples:

- Number patterns
- Fill in the Equation Symbols

$$5 \quad 9 \quad 5 \quad 11 = 71$$

$$(5^2 - 9) + (5 \times 11) = 71$$



The Musings of Mrs T

Notes:

Session Summary Notes

Engaging Math Activities for Effective Review & Assessment

~ Students' Choice

Math Choice Boards

Example tasks:

- *Create a poster about yourself that uses mathematical equations to show information like your age, grade, and birthday. Include as many details about yourself as you can.*
- *Make a video explaining how to use the Order of Operations.*
- *Create a board game for students to play that will help them review the Order of Operations.*
- *Design a quiz that tests students' skills in using the Order of Operations. Include deeper level thinking questions.*
- *Develop a number pattern that follows a rule based on addition or subtraction. Share the first 5 numbers of your pattern.*
- *How many ways can you write an equation with the result 2,462?*

Mixed Operations Choice Board		
1 Make a list of twelve important vocabulary words used when talking about addition or subtraction. Make sure you include definitions.	2 Use the order of operations to come up with as many equations as possible that result in the number 2,462. Record these equations so that you can share them with others.	3 Create a poster about yourself that uses mathematical equations to show information like your age, grade and birthday. Include as many details about yourself as you can.
4 Make a video explaining how to use the Order of Operations.	5 Develop a number pattern that follows a rule based on addition or subtraction. Share the first 5 numbers of your pattern and give clues to help others work out the rule that it follows.	6 Create a set of flashcards to help someone review the Order of Operations.
7 Create a board game for students to play that will help them review the Order of Operations.	8 Write 3 word problems that require someone to use the Order of Operations.	9 Design a quiz that tests students' skills in using the Order of Operations. Include deeper level thinking questions.

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Making the Most of Your Assessment Results

- ~ Use assessment results to help guide your lesson planning & teaching
- ~ Take note of which students need more support or further extension
- ~ Give students immediate feedback
- ~ Celebrate students' achievements!



Further Resources

If you're after some extra support, I've got some further resources available to help you!

Math Assessment Ideas and Activities

Find more ideas & resources on this topic by visiting the following page:

[Creative Ways to Review & Assess Math.](#)

View all of my math blog posts to find more

[Engaging Math Teaching Ideas.](#)

View all of my ready-made math resources here:

[Fun Math Printables.](#)

Feel free to email me at blueskydesignsbymrst@gmail.com if you have any questions about the content I've shared in this session.

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