

MATH TALKS: WHAT'S THE RULE?

Using math talks in the classroom is a great way for students to begin to understand math in a more *conceptual* way! It can be easy to put up a math question and think you are hosting a math talk but remember... the most important part is having your students **meaningfully TALK** about the concepts. A math talk is something that should take place every day in your classroom for about 3-5 minutes per day! See more about how to do this below:

I have 4 phrases that I use in my K-2 classroom all the time to foster meaningful math conversations. The four phrases

I love to use are:

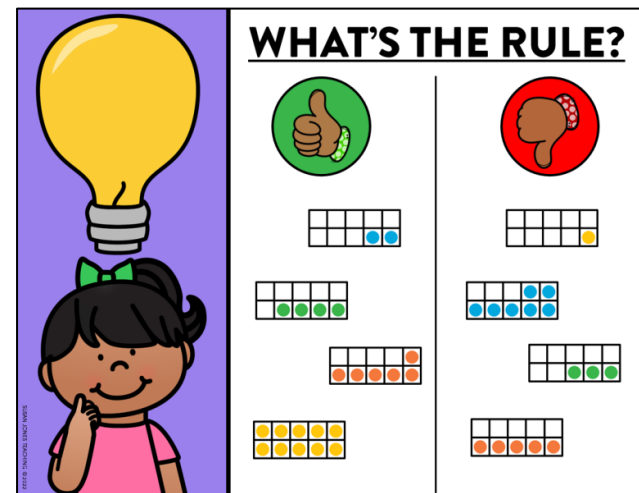
- Tell me more...
- What did ____ say?
- Do you agree/disagree? Why?
- Could you solve this a different way?

You can see more about each phrase and **WHY** they're important in my video below:



What's the Rule?: With these slides, students will need to look at the thumb-up side to determine what the rule is. In order for something to be the rule, **EVERYTHING** on the thumbs-up side needs to adhere to the rule, while **NOTHING** on the thumbs-down side can adhere to that rule.

These math talks are a great way to introduce a new skill and talk through what we notice on the thumbs-up side and how it differs from the thumbs-down side. This can be a good way to see what students already know about a topic and address any misconceptions they have.



There is an editable slide at the end of this unit for you to add your own!

WHAT'S THE RULE:

These math talks are a fun way to introduce new math topics to your students. To do this, students will look at the thumbs-up side and determine what makes them all the same and how they are different from the thumbs-down side. Since this is often used as an introductory lesson, I like to let students really just make observations and try to guess and check what the rule may be.

WHAT'S THE RULE?

Thumbs-up: 10-frame with 4 blue dots, 10-frame with 3 green dots, 10-frame with 1 orange dot.

Thumbs-down: 10-frame with 1 yellow dot, 10-frame with 4 blue dots, 10-frame with 3 green dots.

WHAT'S THE RULE?

Thumbs-up: 50, 20, 70

Thumbs-down: 15, 18, 22

WHAT'S THE RULE?

Thumbs-up: $3 + 7$, $8 + 2$, $5 + 5$, $1 + 9$, $4 + 6$

Thumbs-down: $4 + 5$, $1 + 6$, $0 + 5$, $4 + 3$, $2 + 6$

WHAT'S THE RULE?

Thumbs-up: Cylinder, Cone, Sphere, Pyramid

Thumbs-down: Triangle, Square, Circle, Rhombus, Trapezoid