

WHAT'S INCLUDED IN K-2 MATH TALKS?

created by Whitney Shaddock, the first grade roundup

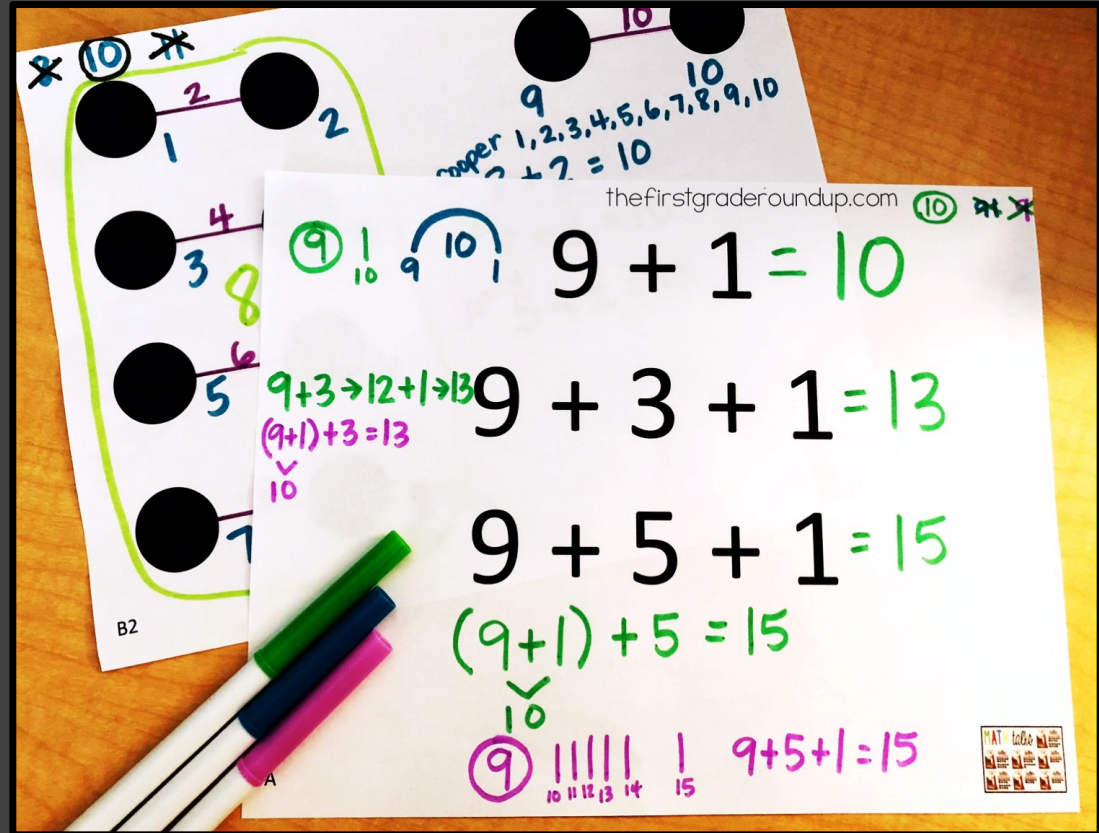
27 dot
IMAGES

72 ten
FRAMES

81 bead
REKENREKS

80 add. & sub.
EQUATIONS

60 shapes, data &
measurement

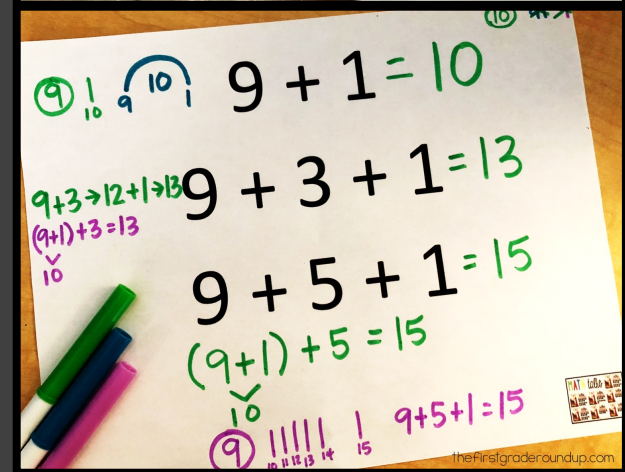
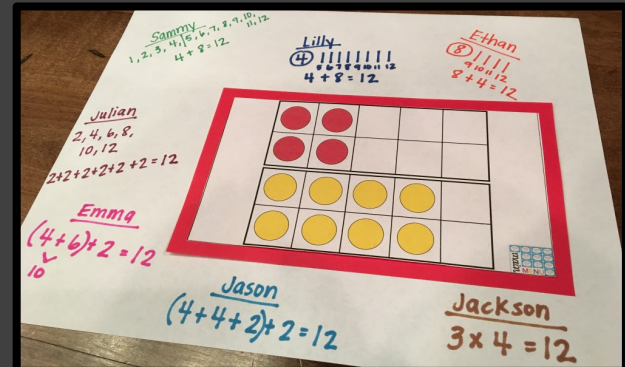
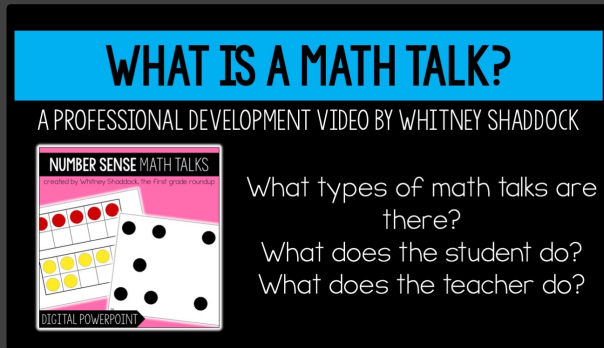


WHAT ARE MATH TALKS?

created by Whitney Shaddock, the first grade roundup

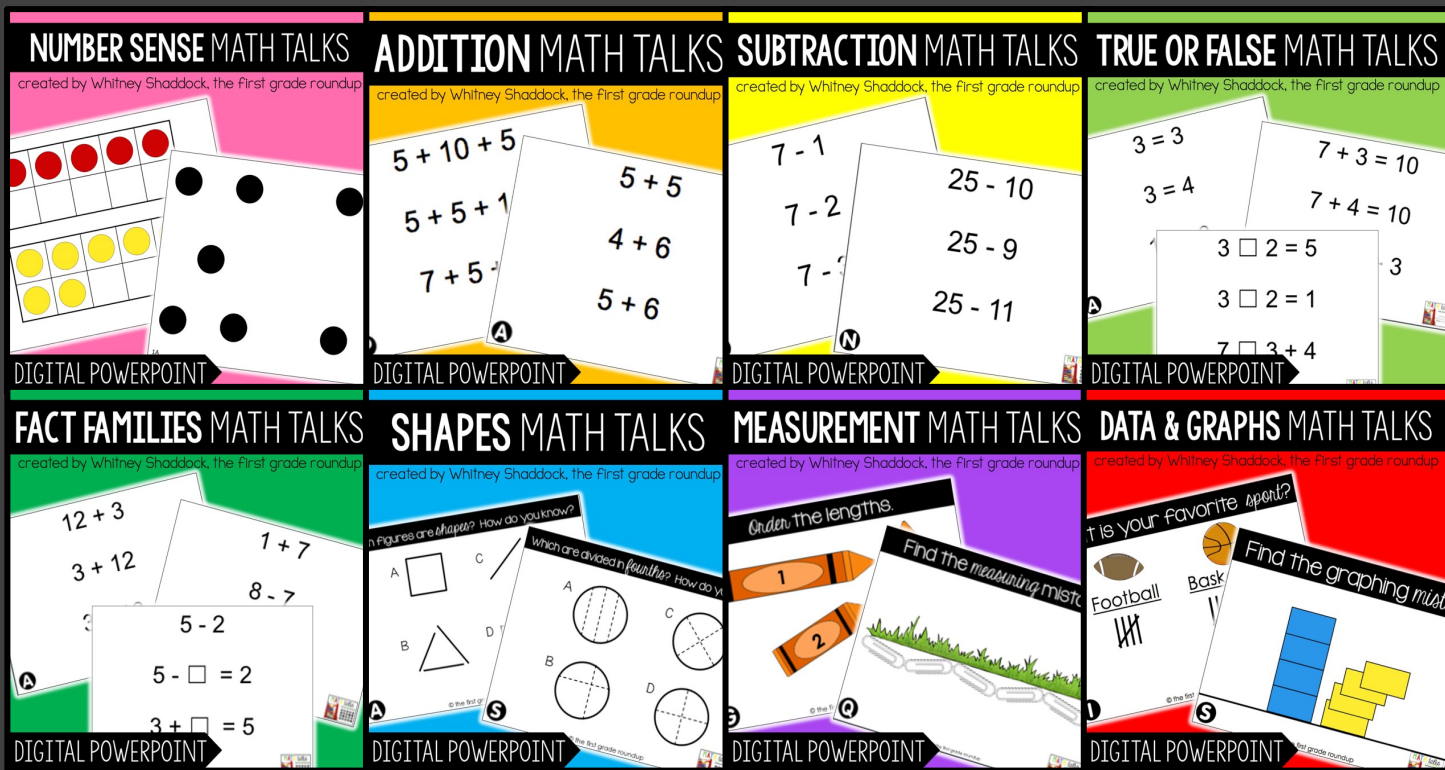
A math talk, or number talk, is simply a conversation about math. Using images or equations, the teacher plans guiding questions to help kids build their number sense and understanding of math skills. Math talks also give you a chance to model correct notation for students so they can begin to record their math strategies independently.

Click the image below to watch a video to show you even more about what a math talk includes.



RESOURCES INCLUDED IN THIS BUNDLE

created by Whitney Shaddock, the first grade roundup



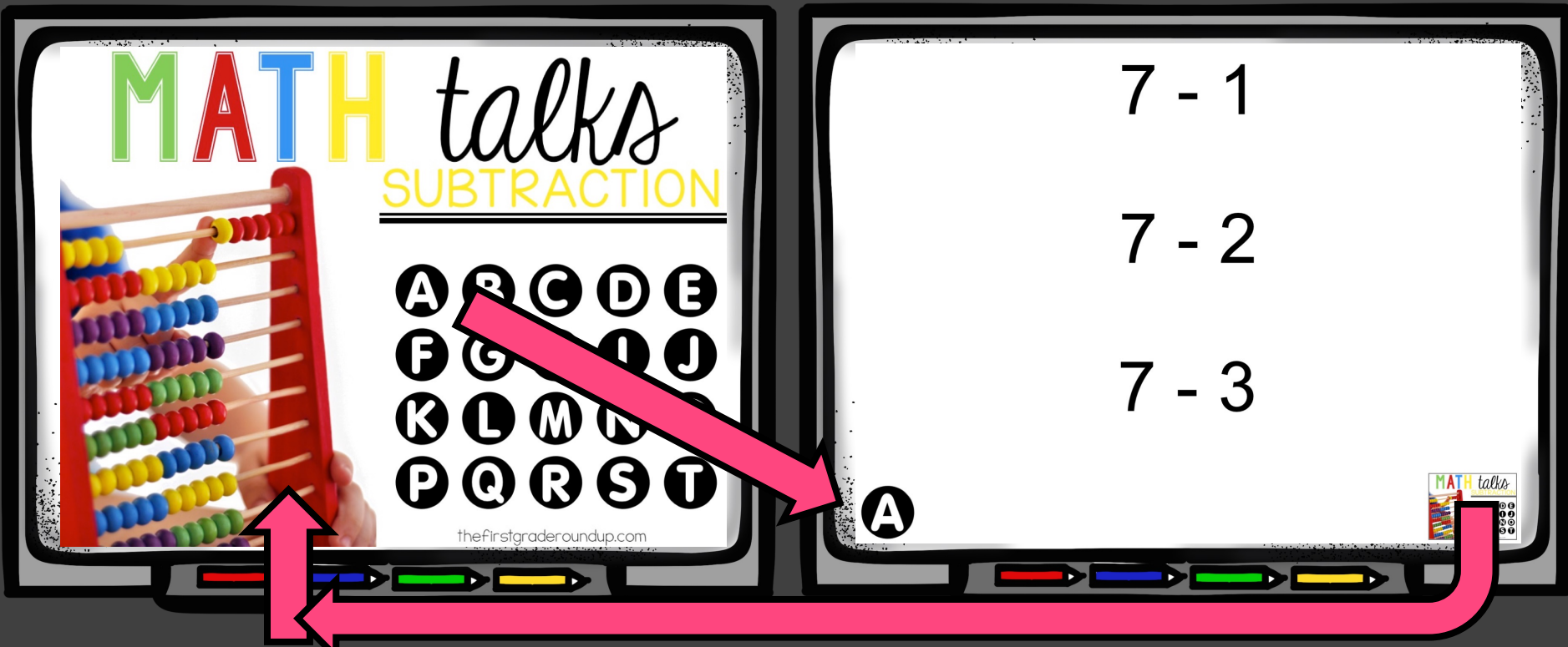
Plus 3 instructional videos

NAVIGATION BUTTONS FOR ALL SETS

created by Whitney Shaddock, the first grade roundup

Title pages for each category have links to individual lessons.

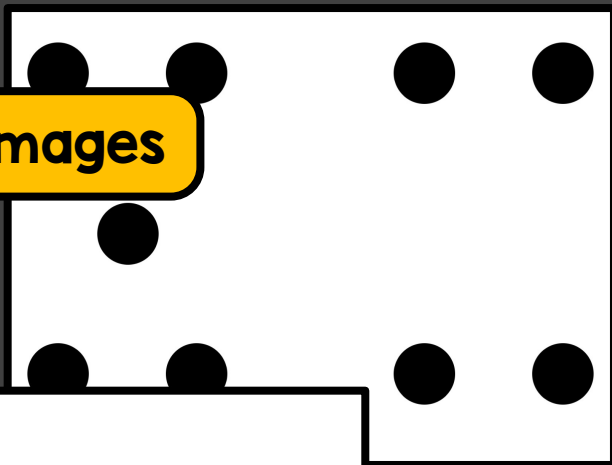
Individual slides all have links back to the title pages.



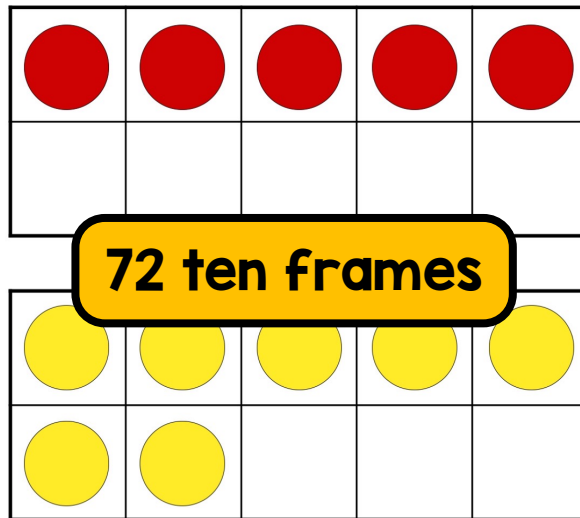
NUMBER SENSE MATH TALKS HAVE...

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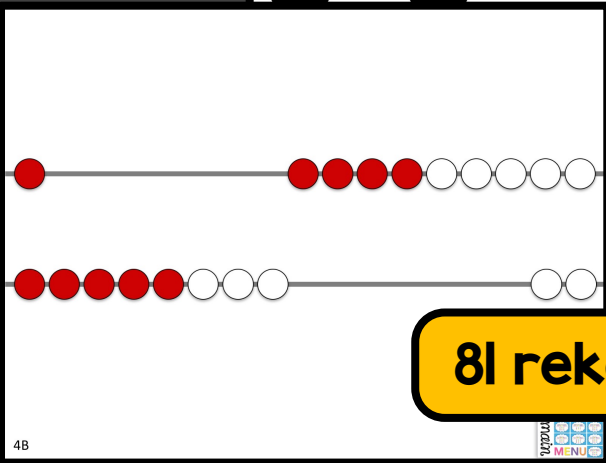
27 dot images



72 ten frames



81 rekenreks



3A



EQUATION MATH TALKS INCLUDE...

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20 addition

$$2 + 18$$

$$18 + 12$$

$$32 + 28$$

S



$$7 - 1$$

$$7 - 2$$

$$7 - 3$$

20 subtraction

$$5 - 4 = 1$$

$$1 = 5 - 4$$

$$1 = 4 - 5$$

20 true false

$$8 + 2$$

$$\square + 8 = 10$$

$$\square - 2 = 8$$

20 fact families

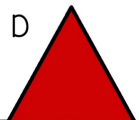
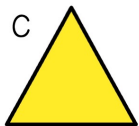
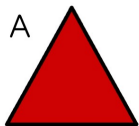


PICTURE MATH TALKS INCLUDE...

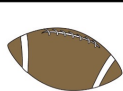
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20 shapes

Which is *not* a triangle? How do you know?



What is your favorite sport?

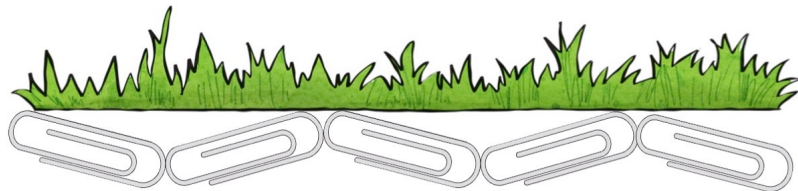


	football	basketball	baseball
girls	4	10	5
boys	7	3	6

20 data

© the first grade roundup

Find the *measuring* mistake.



20 measurement

Q

© the first grade roundup



K



TEACHER MATERIALS INCLUDED

thefirstgraderoundup.com

MATHtalks

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overview of ADDITION

AB
CD

MAKING 10: Use known 10 facts to add 1-digit numbers

GUIDING QUESTIONS: Can I use a fact I know to help me solve this equation?

LOOK FOR: Commutative property on A, B, C, D and associative property on C

EF
GH

DECOMPOSE TEENS: use known facts to decompose teen numbers

GUIDING QUESTIONS: Can I break apart ... to make a 10? How's the equation like a fact I know?

I
KL

LOOK FOR: Commutative property (K), associative property (L)

MN
OP

3 ADDENDS: Use the associative property to add known facts first

GUIDING QUESTIONS: why would you add in that order? And do I get the same answer?

LOOK FOR: Associative property on all based on known or making 10 facts

QR
ST

2-DIGITS: decompose 2-digit numbers into tens and ones

GUIDING QUESTIONS: Can I break apart the number to help me solve mentally?

LOOK FOR: students who decompose only one number VS. decomposing both numbers

**goals, guided questions & planning
for each math talk lesson**

MATHtalks

© the first grade roundup

at a glance SHAPES

A



What Is A Shape?

B



What Is A Shape?

C



What Is A Shape?

D



What Is A Shape?

E



Triangles-lines

F



Triangles-color

G



Triangles-color

H



Triangles-color

I



Rectangles-color

J



Rectangles-color

K



Rectangles-orientation

L



Rectangles-orientation

M



Rectangles-orientation

N



Rectangles-orientation

O



Rectangles-orientation

P



Squares-size

Q



Halves-circles

R



Halves-rectangles

S



Fourths-circles

T



Fourths-rectangles

**at a glance page
for each set of
math talks**

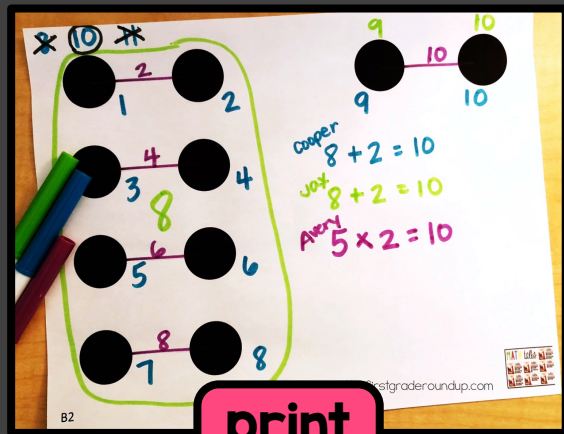
HOW TO USE MATH TALKS

thefirstgraderoundup.com

This resource has math talks planned and ready for you to just click and show your students. The planning guides and overviews include the big concepts we want kids to understand with each math talk as well as example guided questions and what to look for.

Use the **planning guides and at a glance pages** to decide which math talk is appropriate for your students. Then open the math talk resource you need, find the navigation menu and click on the math talk you plan to do! It's that easy! Some math talks, like the data and measurement talks include guided questions in the notes section of each slide as well.

These math talks can be printed or used digitally.



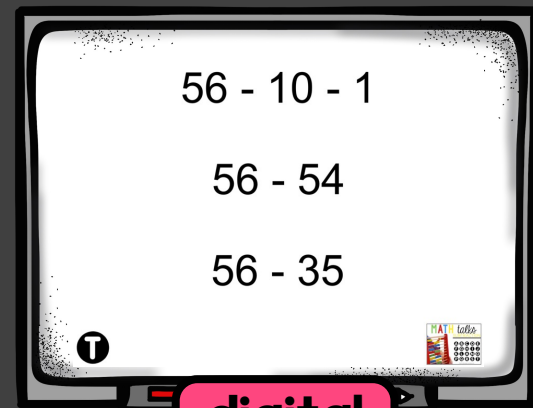
print

Print for small group instruction. Put in plastic sleeves in a binder to reuse every year.



print

Print 4 to a page. Laminate and put on rings. Use during transitions or bathroom breaks.



digital

Pull up the digital file on your smart board for whole group lessons.

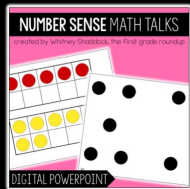
MATH TALK VIDEOS

thefirstgraderoundup.com

Click on the images to view the videos. All videos are included in the bundle.

WHAT IS A MATH TALK?

A PROFESSIONAL DEVELOPMENT VIDEO BY WHITNEY SHADDOCK



What types of math talks are there?
What does the student do?
What does the teacher do?

What is a math talk?

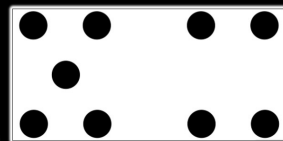
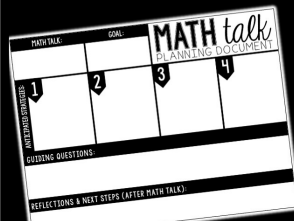
What types of math talks are there?

What is the teacher's role?

What is the students' role?

DOT IMAGE MATH TALK MODEL LESSON

A PROFESSIONAL DEVELOPMENT VIDEO BY WHITNEY SHADDOCK



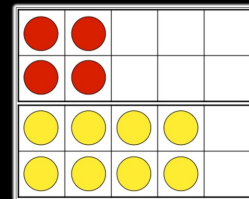
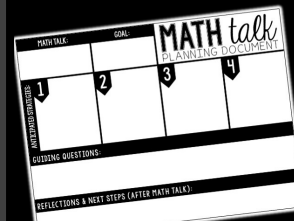
How do I plan for this math talk?

What does it look like in kindergarten?

What does it look like in first grade?

TENS FRAME MATH TALK MODEL LESSON

A PROFESSIONAL DEVELOPMENT VIDEO BY WHITNEY SHADDOCK



How do I plan for this math talk?

What does it look like in kindergarten?

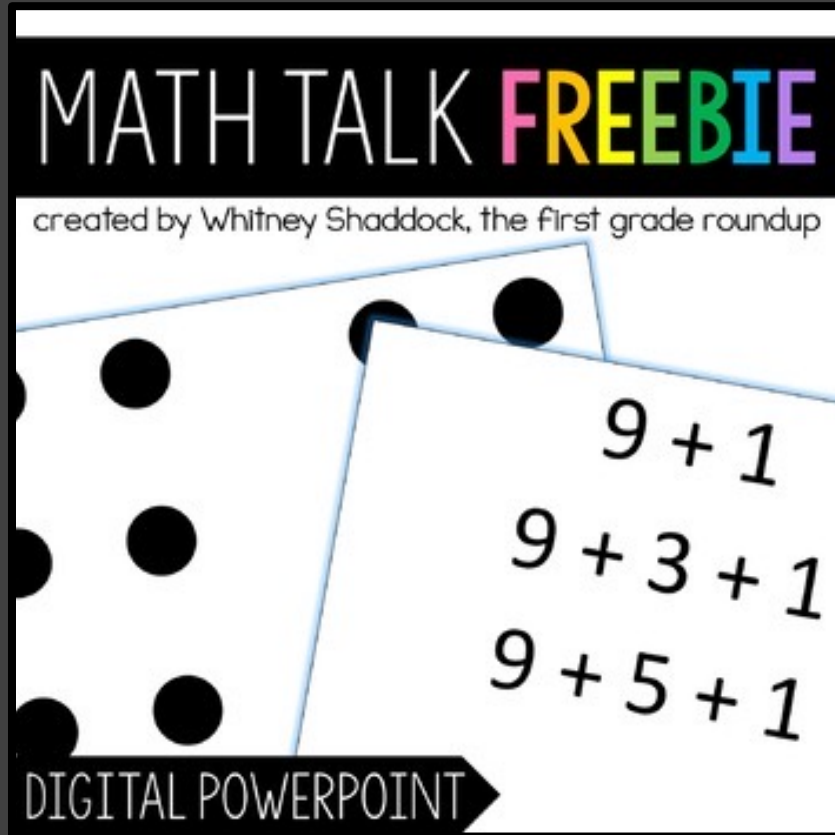
What does it look like in first grade?

TRY A SAMPLE FOR FREE!

created by Whitney Shaddock, the first grade roundup

Math Talk FREEBIE

Click HERE



WHAT OTHER TEACHERS ARE SAYING

thefirstgraderoundup.com

This was a helpful resource for me. I have never done number talks before and this was a great resource to get me started.

~Kimberly

I add the slides to my weekly google slideshow and we go through one set each day as our math warm-up. My students love them and they are highly engaging.

~Staci

I'll admit that finding the time (in our already busy day!) is not always easy for these math talks...but my students ask for them on days we don't have time! That's how I know a quality product; when STUDENTS are begging to use it:)

~Amber

FREQUENTLY ASKED QUESTIONS

thefirstgraderoundup.com

How long does it take to do a Math Talk?

I try to keep math talks to less than 15 minutes. I want them to be quick and powerful. However, in some cases, I have extended the lesson to 30 minutes if we want to really focus on notation or a new skill.

How many slides do you do in a lesson?

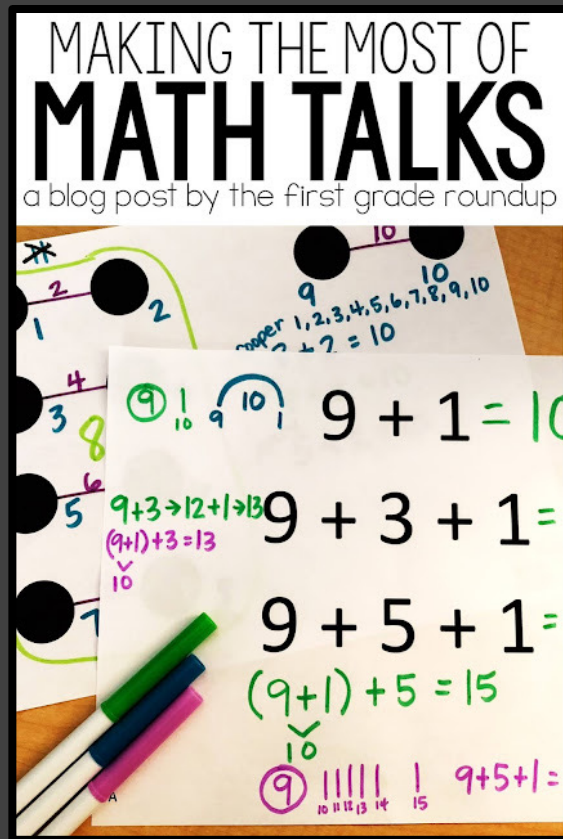
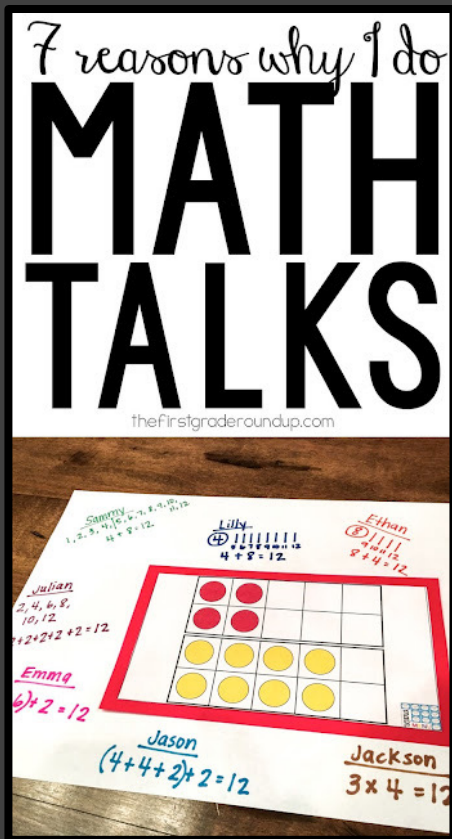
Most math talks include 3 slides per lesson. So, to fit it in my 10-15 minute math talk block, I try to stick to less than 5 minutes a slide.

What other resources do I need for math talks?

Nothing is necessary. You can do math talks using the slides and planning pages only. To extend a lesson, you could use matching manipulatives like rekenreks and counters to have students rebuild the images they saw.

CLICK THE IMAGES TO READ MORE

thefirstgraderoundup.com



ABOUT THE AUTHOR

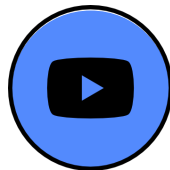
thefirstgraderoundup.com



Hey y'all! I'm Whitney Shaddock, the teacher author and blogger at the first grade roundup. I'm a National Board Certified teacher with my Masters Degree and have over 10 years of first grade experience in both high poverty and high wealth public schools. I've taught PreK Sunday School for over 17 years. I married my high school sweetheart in 2006. We were blessed with a beautiful boy in 2012 after years of infertility. In 2019, we adopted premie twins.

In 2011, I opened my TPT store. I love sharing real, practical resources I've tested and used in my own classroom. I am passionate about resources that align with the science of reading and full lesson plans and units to use in my classroom. Oh, and color coding is my love language! ☺

I love meeting new teachers, so let's connect!



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My own purposes
e.g. decorate room, create new resource, plan lesson, track progress

Other

4

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\$ Enter an amount to redeem

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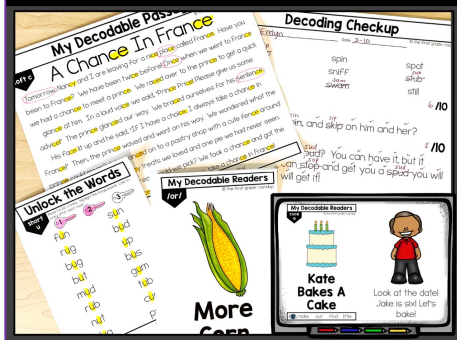


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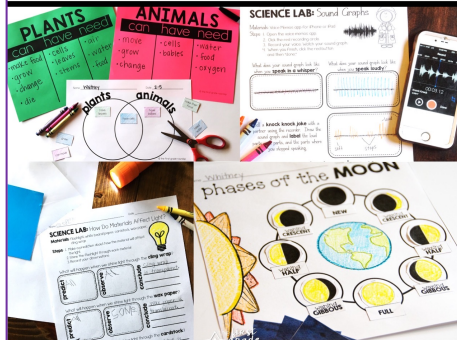
1ST GRADE DECODABLES

digital + printable texts
created by Whitney Shaddock, the first grade roundup



NEXT GEN SCIENCE BUNDLE

1st grade Units
created by Whitney Shaddock, the first grade roundup



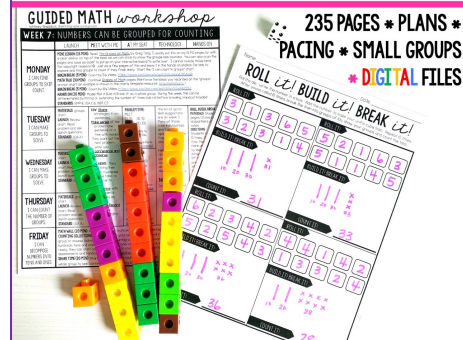
1ST GRADE PHONICS BUNDLE

a digital curriculum
created by Whitney Shaddock, the first grade roundup



GUIDED MATH WORKSHOP

1st Grade Lesson Plans
created by Whitney Shaddock, the first grade roundup



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