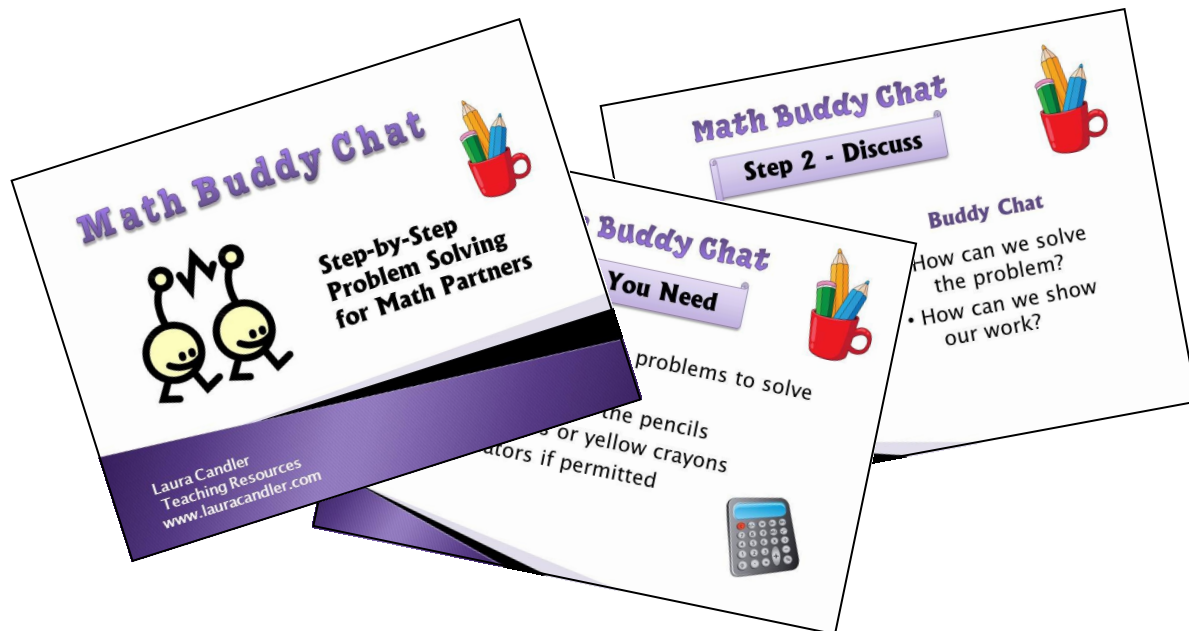




Math Buddy Chat

Step-by-step Problem
Solving with a Buddy



Common Core Aligned
with Mathematical
Practice Standards

Laura Candler
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Math Buddy Chat

by Laura Candler

Aligned with Common Core Mathematical Practice Standards (see page 4 for details)

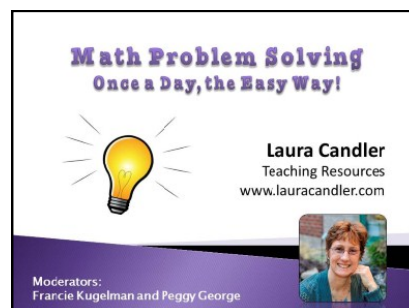
Math Buddy Chat is a step-by-step method for students to solve word problems with a buddy. One difficulty with many cooperative learning strategies is that without some sort of structure, one student does all the work while the other one watches or perhaps even copies the answers. With Math Buddy Chat, students alternate between working independently and working together as they solve each problem.

To make this activity really easy to implement, I created a PowerPoint that you can download and show to your students as you walk them through this 4-step problem-solving method. I also created a set of PDF slides for those who might have trouble viewing the PowerPoint. You'll find all 6 slides shown on the next page, but the actual PowerPoint show and full-sized PDF slides are in separate documents in the zip file you downloaded.

How to Use Math Buddy Chat

Before you use Math Buddy Chat, it's important to learn how, when, and why you would use the activity. I highly recommend that you watch my free webinar recording, *Math Problem Solving: Once a Day, the Easy Way!* During the webinar, I explain this strategy in detail. It does require an initial investment of time on your part to watch the webinar, but after your students learn how to use this method, they'll be able to use it over and over throughout the year. You'll be amazed at how effective this method is for teaching students how to work through a math word problem! You can find a link to the recording on the Webinars page on my Math Problem Solving page on Teaching Resources website at www.lauracandler.com. You'll also find many other free problem solving resources to explore and use with your students.

If you like this freebie, please rate it and leave feedback on TpT. Thanks!



Math Buddy Chat



Step-by-Step Problem Solving for Math Partners



Laura Candler
Teaching Resources
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Math Buddy Chat

What You Need



- One or more math problems to solve
- Pencils with erasers
- A sturdy cup for the pencils
- Highlighters or yellow crayons
- Calculators if permitted



Math Buddy Chat

Step 1 - Read and Think

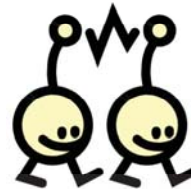


On Your Own

- What facts are given?
- Highlight clue words and important numbers.
- Underline the question.

Math Buddy Chat

Step 2 - Discuss



Buddy Chat

- How can we solve the problem?
- How can we show our work?

Math Buddy Chat

Step 3 - Solve & Check

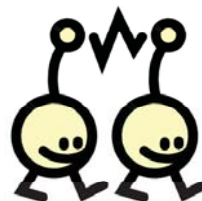


On Your Own

- Carry out your plan.
- Solve the problem.
- Reread the question.
- Does your answer make sense?

Math Buddy Chat

Step 4 - Discuss

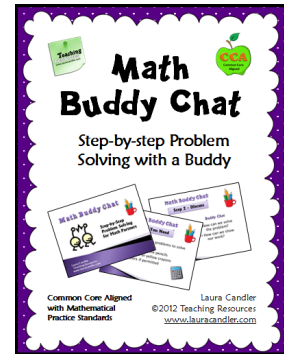


Buddy Chat

- Do we have the same answer?
- If not, what did we do differently?
- Rework the problem if needed.



Common Core Aligned



Common Core Math Practice Standards

Because students are required to discuss math problems with another student and explain their reasoning, this activity is aligned with many of the Common Core Math Practice Standards. As they discuss their strategies with others, they are required to model with mathematics, use appropriate tools strategically, and attend to precision.

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

Speaking and Listening Standards

Even though this is a math activity, the discussion component causes it to meet several of the speaking and listening standards. Here's an example of the 4th grade Speaking and Listening Standards met by this activity, and you'll find similar standards for each grade level:

CCSS.ELA-Literacy.SL.4.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.

CCSS.ELA-Literacy.SL.4.1b Follow agreed-upon rules for discussions and carry out assigned roles.

CCSS.ELA-Literacy.SL.4.1c Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.



Laura Candler's Teaching Resources

If you enjoyed this teaching resources mini pack, you might also enjoy some of my popular ebooks and lessons. You can purchase them from my store on TeachersPayTeachers.com by clicking the links below or by visiting my Teaching Resources website: www.lauracandler.com.



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Teaching Multiple Intelligence Theory

Bingo Showdown:

Confusing Words Review

Character Bio Reports

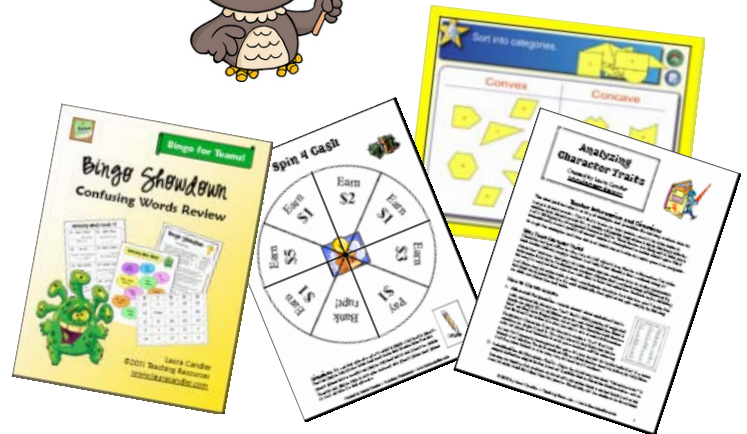
Analyzing Character Traits

Powerful Poetry Combo

Plural Noun Showdown

Sentence Go Round

Writing Powerful Poetry



Geometry: Exploring the Basics

Math Stations for Middle Grades (3-8)

Mastering Math Facts

Polygon Explorations

Polygon Explorations (Smartboard)

Place Value Spinner Games

Fraction Spinner Games

Simplify and Snap Fraction Game

Order of Operations Bingo

Seasonal Teaching Packs

October

November

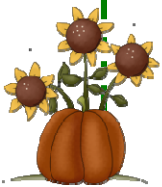
December

January

February (Free!)

March

April

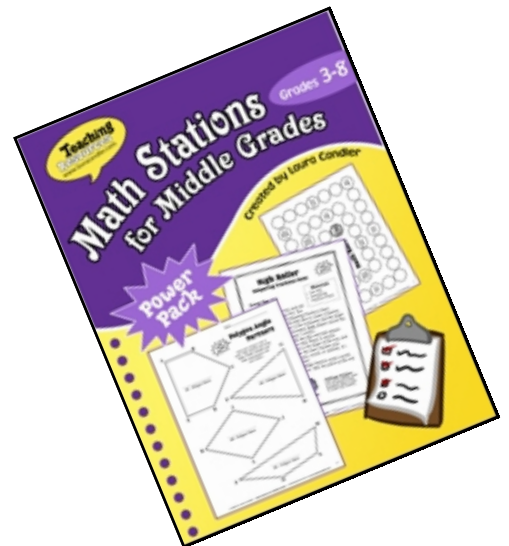


Teaching Resources Website

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Ready-to-Use Resources for Teachers!

- Free printables and activity sheets
- Lesson plans and teaching strategies
- Cooperative learning methods
- Classroom management and motivation
- Literacy & Reading Workshop strategies
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 - **Laura Candler's Power Reading Workshop**



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