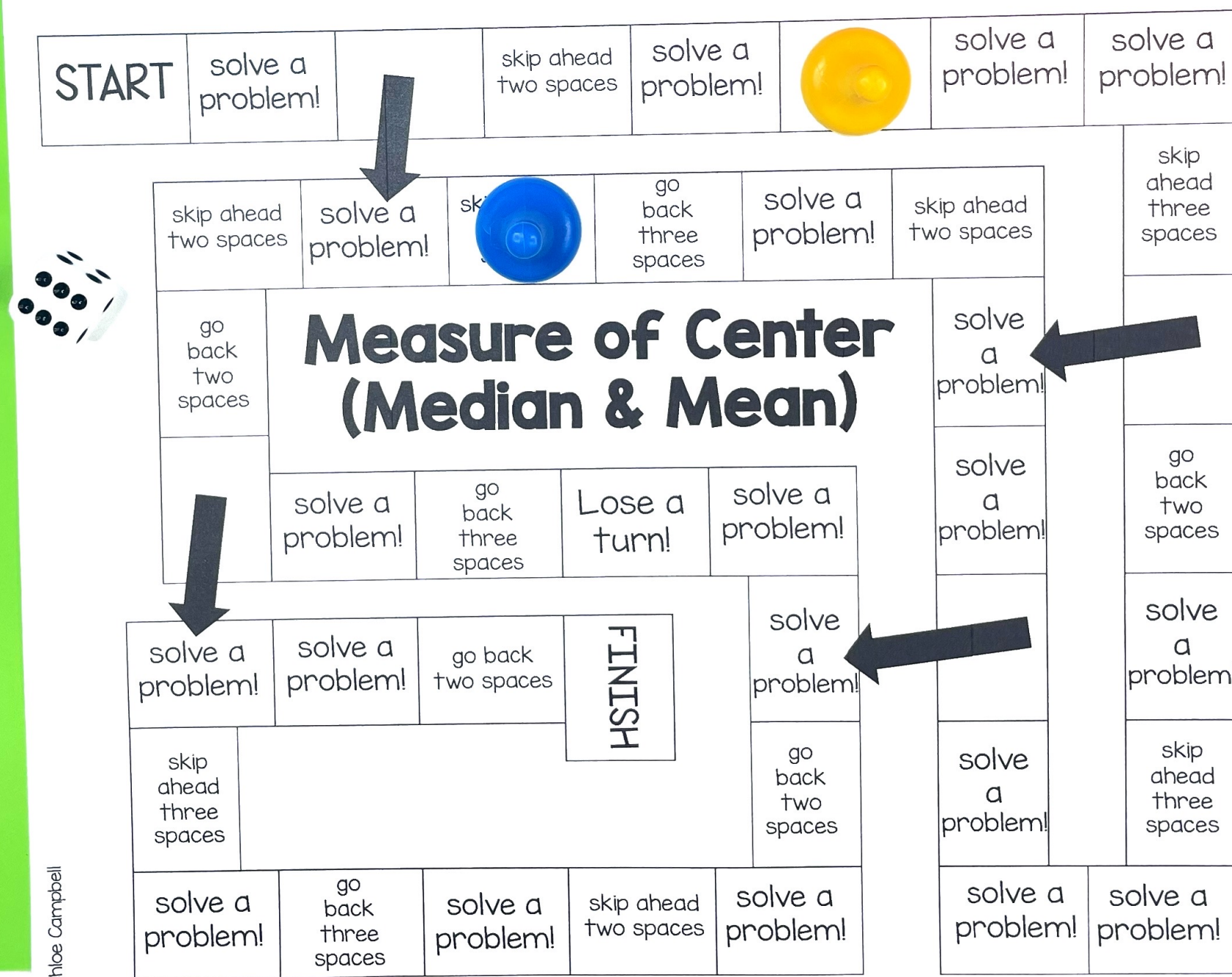




Median & Mean

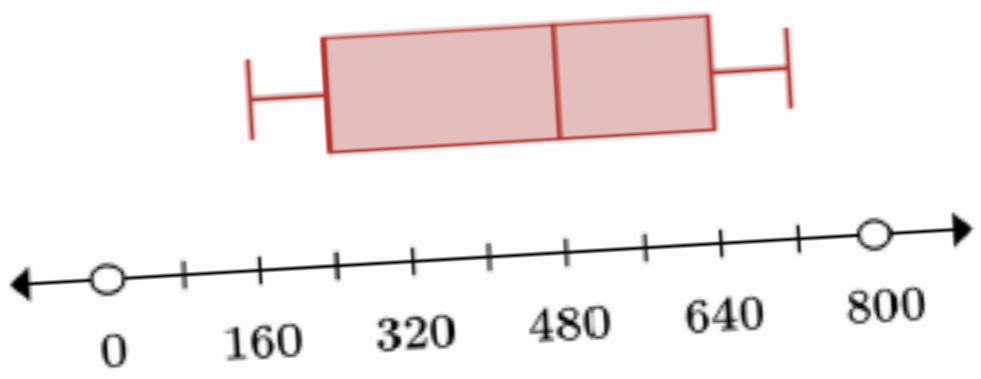


SCROLL
to take a look inside!



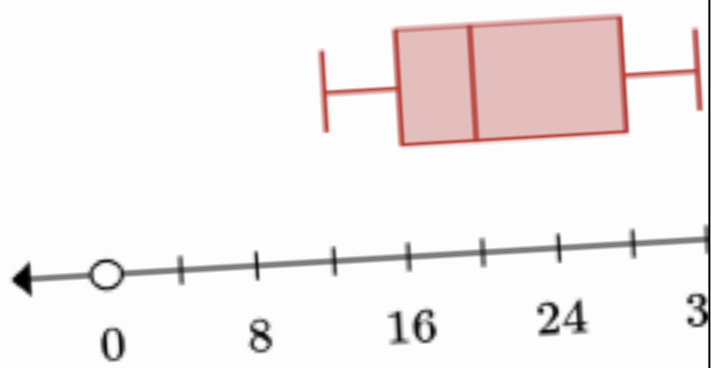
20 Problems Included:

1 Find and compare the mean of the two data sets using the box plot.
Plot 1:



A box plot on a number line from 0 to 800 with major ticks every 160 units. The box starts at 240, ends at 640, with a median line at 480. Whiskers extend from 160 to 800. There are no outliers.


Plot 2:



A box plot on a number line from 0 to 32 with major ticks every 8 units. The box starts at 8, ends at 24, with a median line at 16. Whiskers extend from 0 to 32. There are no outliers.

14 Find the mean of the data set using the histogram.

Salaries at Company X



A histogram showing the number of employees for different salary ranges. The y-axis is 'number of employees' from 0 to 90. The x-axis is 'annual salary (\$USD)' with ranges: <80,000, 80,001-90,000, 90,001-100,000, 100,001-150,000. The bars have heights of 20, 45, 80, and 35 respectively.

annual salary (\$USD)	number of employees
<80,000	20
80,001-90,000	45
90,001-100,000	80
100,001-150,000	35

16 Find and compare the median of the two data sets using the stem and leaf plot.

Plot 1:

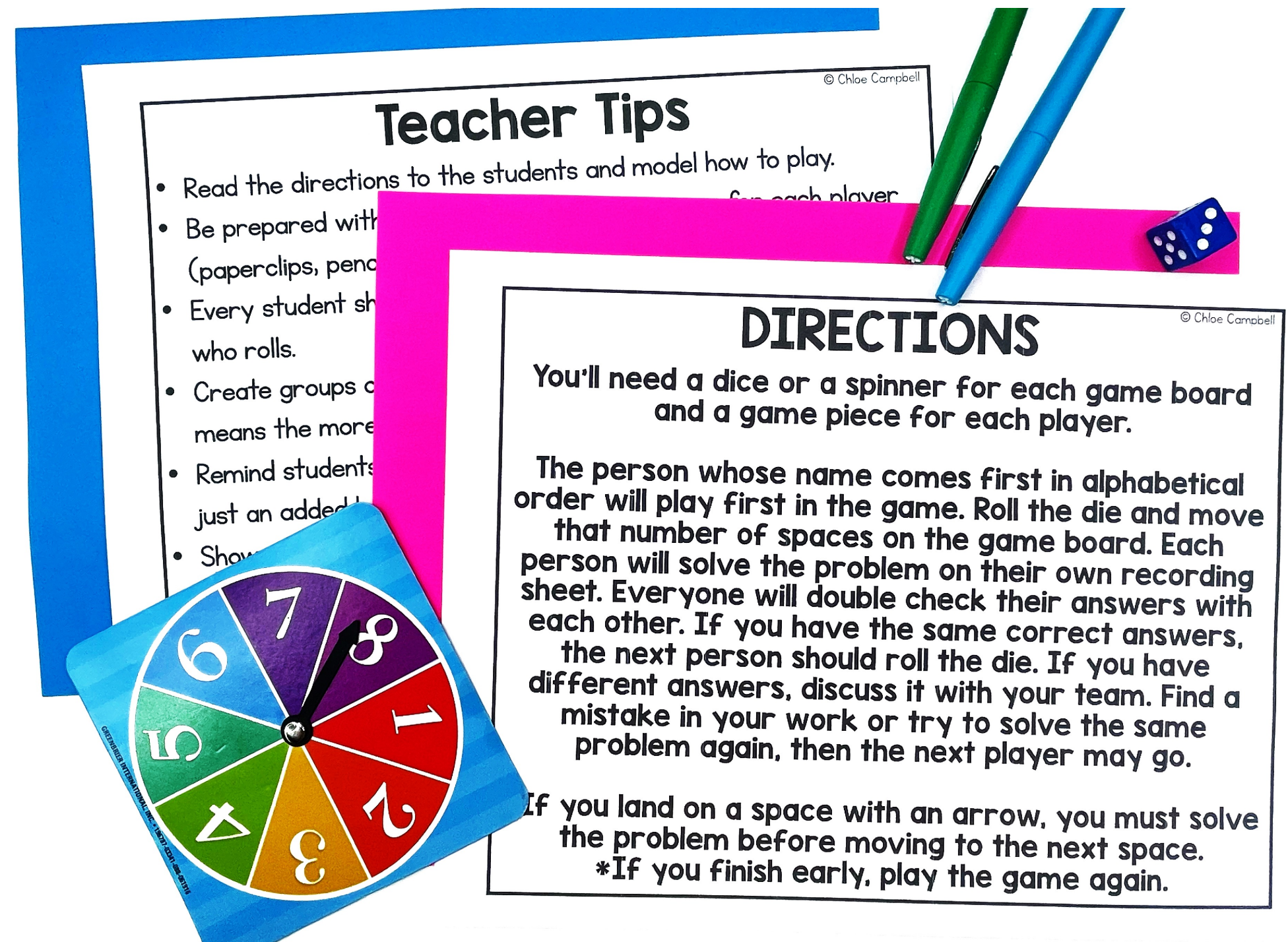
Stem	Leaf
0	0, 0, 3, 7
1	4, 6, 8
2	3, 6, 9

Plot 2:

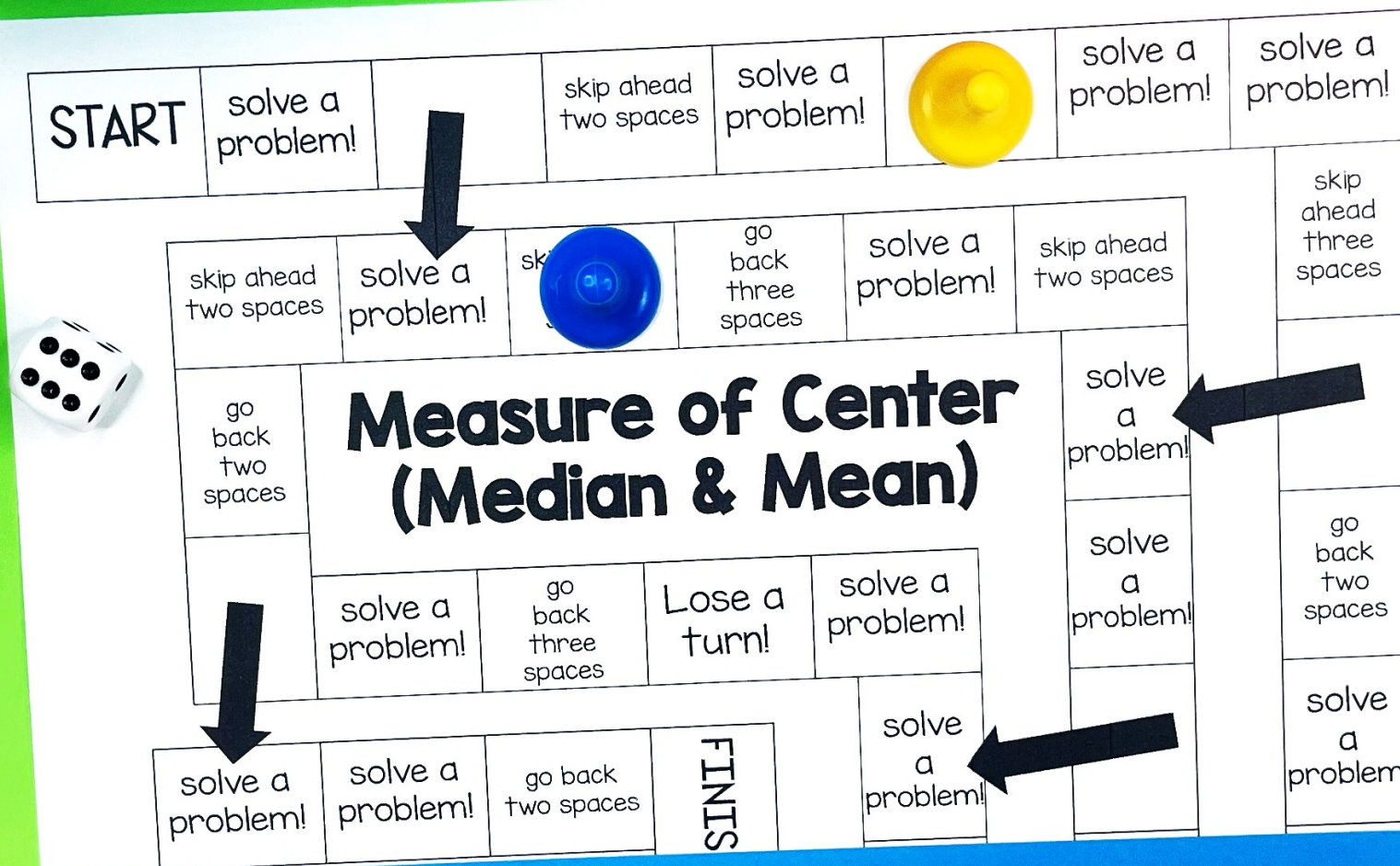
Stem	Leaf
1	0, 0, 3, 5
2	0, 0, 1, 2, 3, 6
3	0, 0, 0, 2, 2, 5

You'll Receive

- ★ Teacher Tips
- ★ Student Directions
- ★ Printable Math Board Game
- ★ Recording Sheet
- ★ Answer Key



Student Recording Sheet



Name _____

Measure of Center (Median & Mean) Recording Sheet

1 Plot 1: 320 Plot 2: 21.6	2 Plot 1: 420 Plot 2: 20	3 Plot 1: 117 Plot 2: 375	4 Plot 1: 54 Plot 2: 150
5	6	7	8
9	10	11	12
13	14	15	16

HAPPY TEACHERS SAID...

“ This was a hit during centers. All students were engaged, and better yet – learning! Love this! ”

“ My students love playing games and a simple, easy prep game like this is a great addition to math centers, early finisher activities, and review days. ”

“ These are great for small group stations! What a fun task card adaptation. Students get to play a fun and competitive board game, but they also get to practice learning. Plus, the recording sheet makes it easy to grade and monitor student progress; they aren't just playing they are actively learning and participating with evidence of ability. Great resource! ”

What's the Best Way to Use this Game?

- ✓ Math Centers or Stations
 - ✓ Whole Group Practice
 - ✓ Morning Work
 - ✓ Partner Activity
 - ✓ Early Finisher Tasks
 - ✓ Substitutes

Tips for Playing Math Games:

- ★ Read the directions to the students and model how to play.
- ★ Be prepared with dice/spinner and game pieces for each player (paperclips, pencil top erasers, pieces from another game, etc.)
- ★ Every student should solve every problem – not just the person who rolls.
- ★ Create groups of 2-4 students. The lower number of students means the more focused students are while playing.

Tips for Playing Math Games:

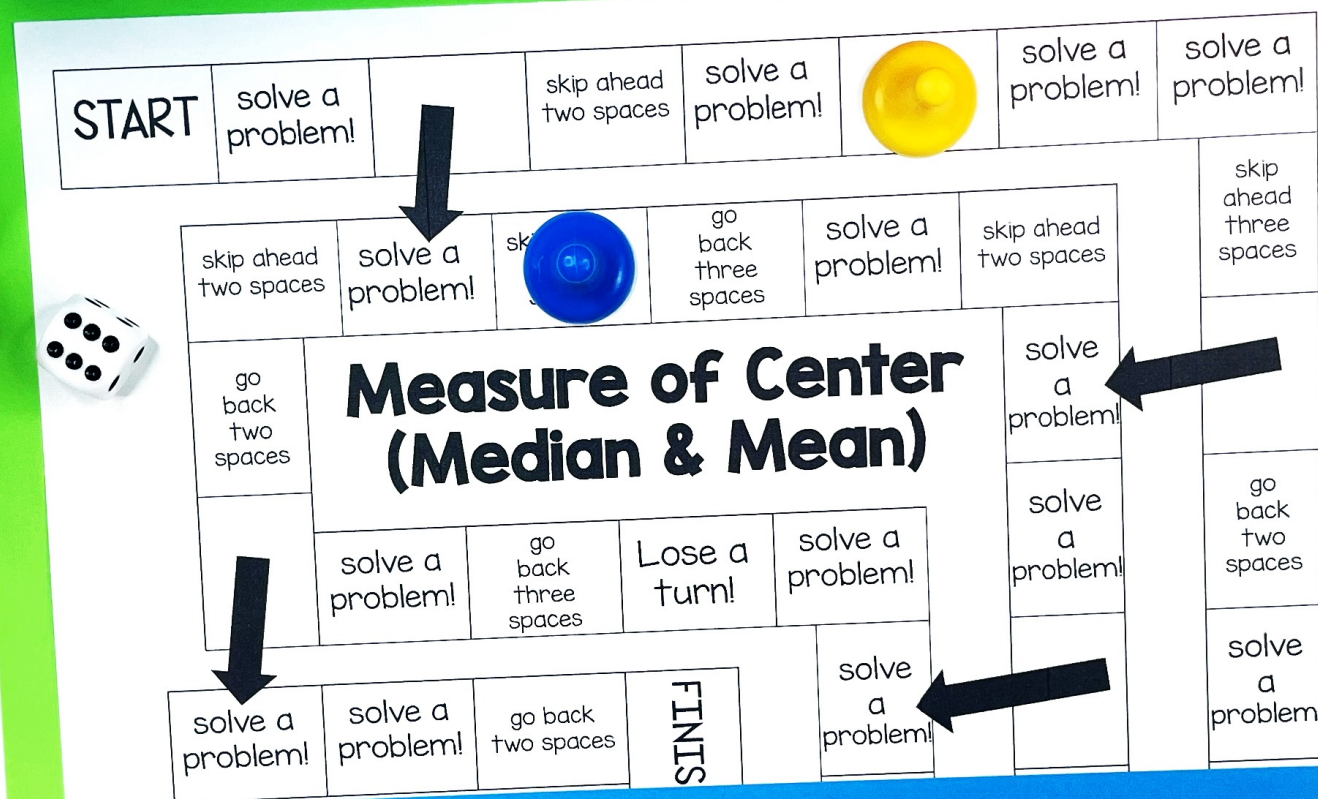
- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a different strategy or help coach each other through the problem.

Why Board Games?

Research shows that
challenge-based gamification in
the classroom lead to an increase
of 34.755% in student performance

(ScienceDirect, 2020).

Students
won't
even
realize
they are
learning!



Name _____

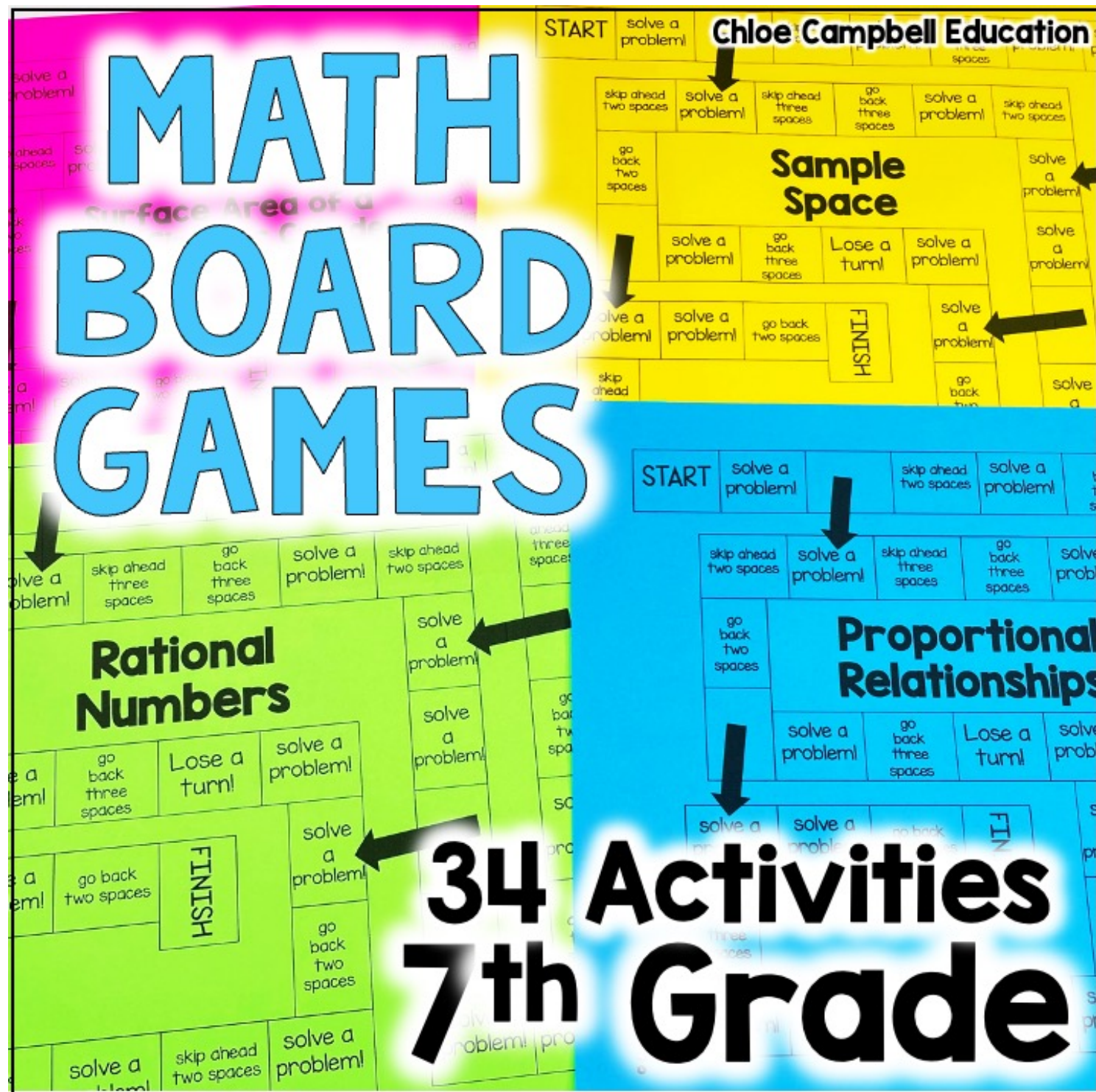
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5	6	7	8
9	10	11	12
13	14	15	16

ADD TO CART

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achievement increase!

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