

Scatter Plots or Line Graphs?

SCROLL
to take a look inside!

START solve a problem! skip ahead two spaces solve a problem! go back three spaces solve a problem! solve a problem!

skip ahead two spaces solve a problem! skip ahead three spaces go back three spaces solve a problem! skip ahead two spaces skip ahead three spaces

go back two spaces

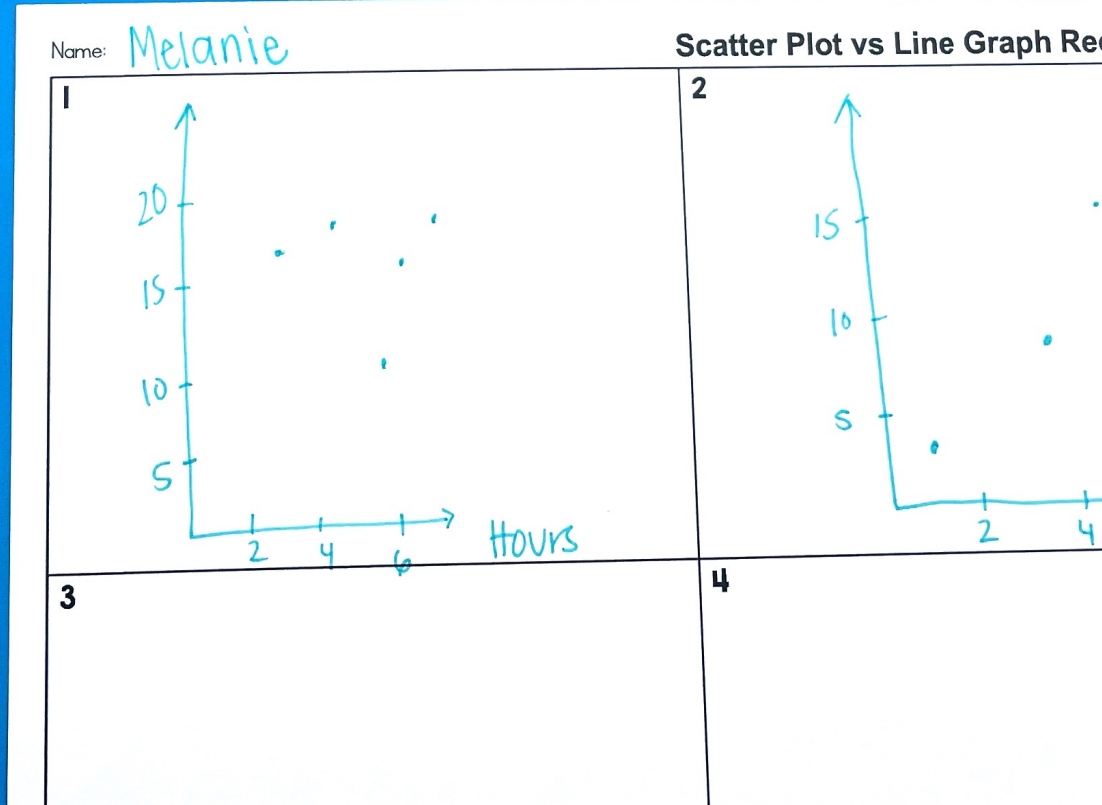
Scatter Plot vs. Line Graph

solve a problem! go back three spaces Lose a turn! solve a problem! solve a problem! go back two spaces

solve a problem! skip ahead three spaces solve a problem!

skip ahead three spaces solve a problem!

skip ahead three spaces solve a problem!



Math Skills Included:

**Determine
if a scatter
plot or line
graph will
best
display the
data**

8 - The table shows the relationship between the number of ticket writers and the number of tickets issued by police officers. Construct a scatter plot or a line graph as appropriate for the context.

Ticket Writers	Tickets
2	13
3	11
5	14
6	16
7	14

6 - The table shows the relationship between the temperature outside and the number of guests that attend the theme park. Construct a scatter plot or a line graph as appropriate for the context.

Temperature (Tens - °F)	Guests (hundreds)
3	13
4	15
5	11
6	16
7	19

5 - The table shows the relationship between the speed of a runner and the number of races they win. Construct a scatter plot or a line graph as appropriate for the context.

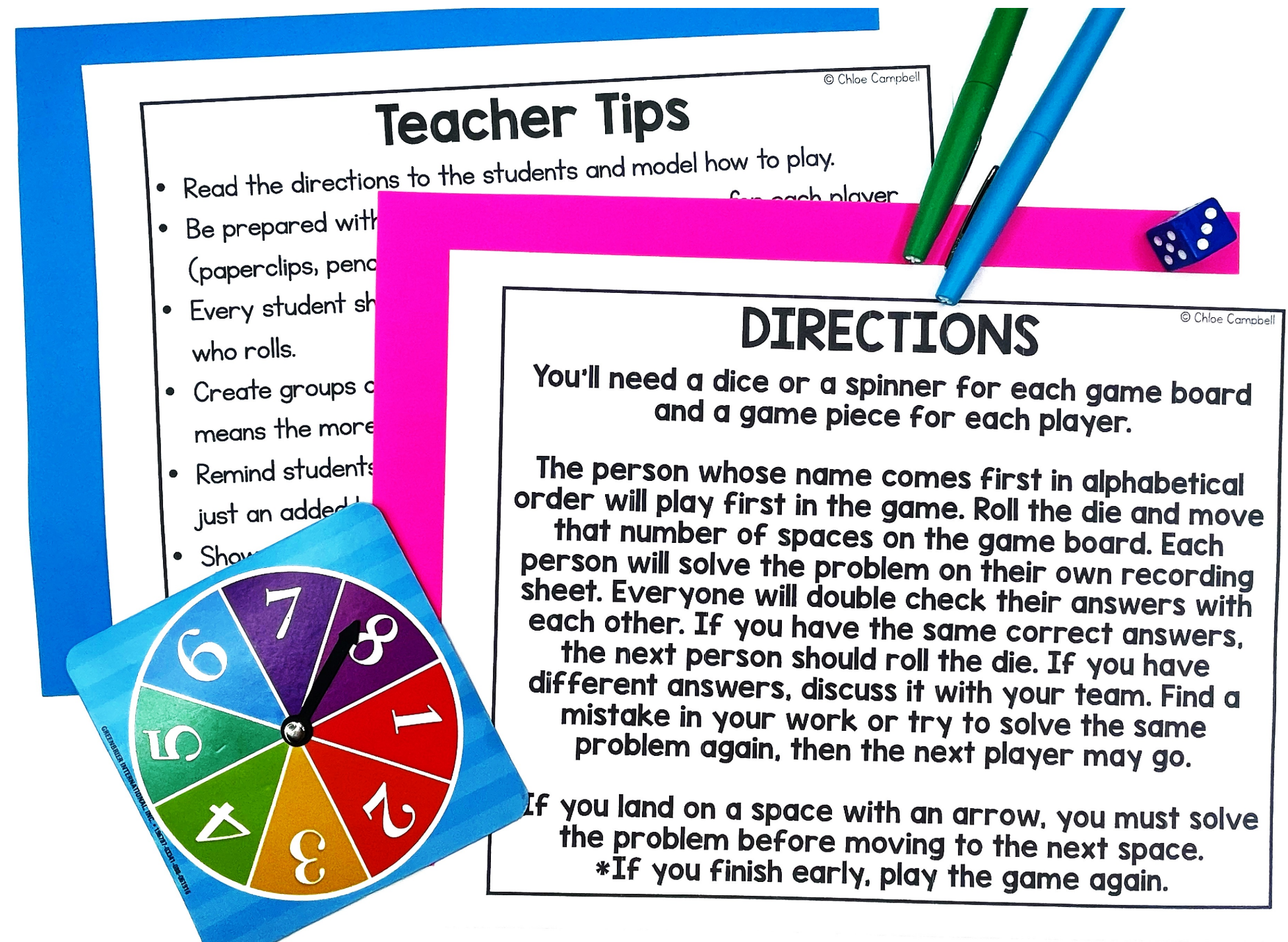
Speed	Races
3	9
4	17
6	16
7	16
8	16

7 - The table shows the relationship between the number of cell phones on a plan and the number of minutes used in hundreds. Construct a scatter plot or a line graph as appropriate for the context.

Cell Phones	Minutes Used (hundreds)
1	13
2	6
4	16
5	12
6	13

You'll Receive

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

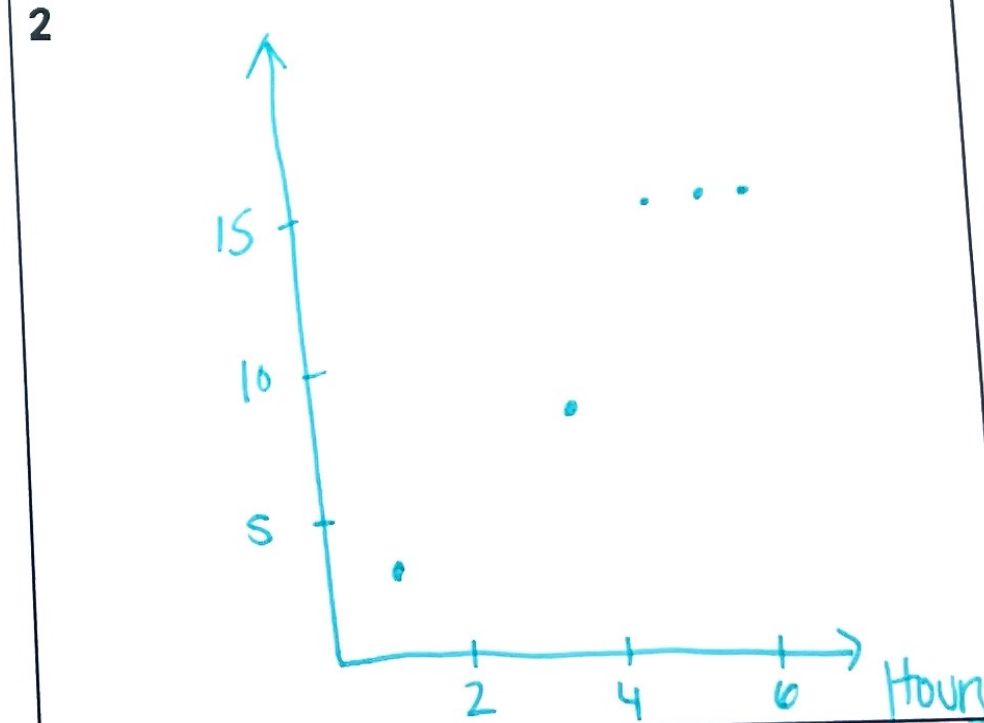
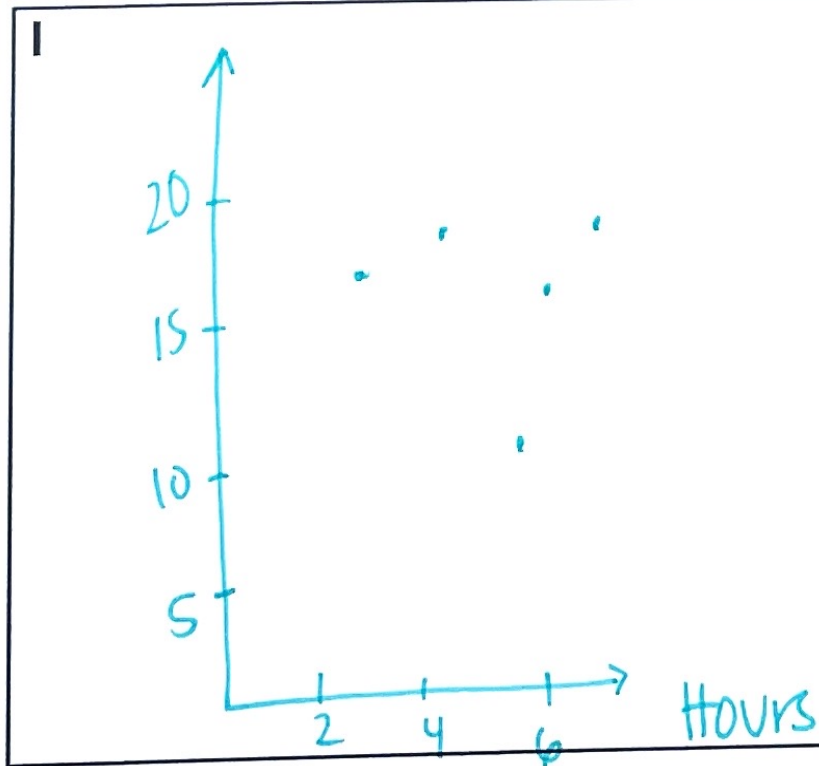


Student Recording Sheet

Scatter Plot vs. Line Graph

Name: Melanie

Scatter Plot vs Line Graph Recording Sheet



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:

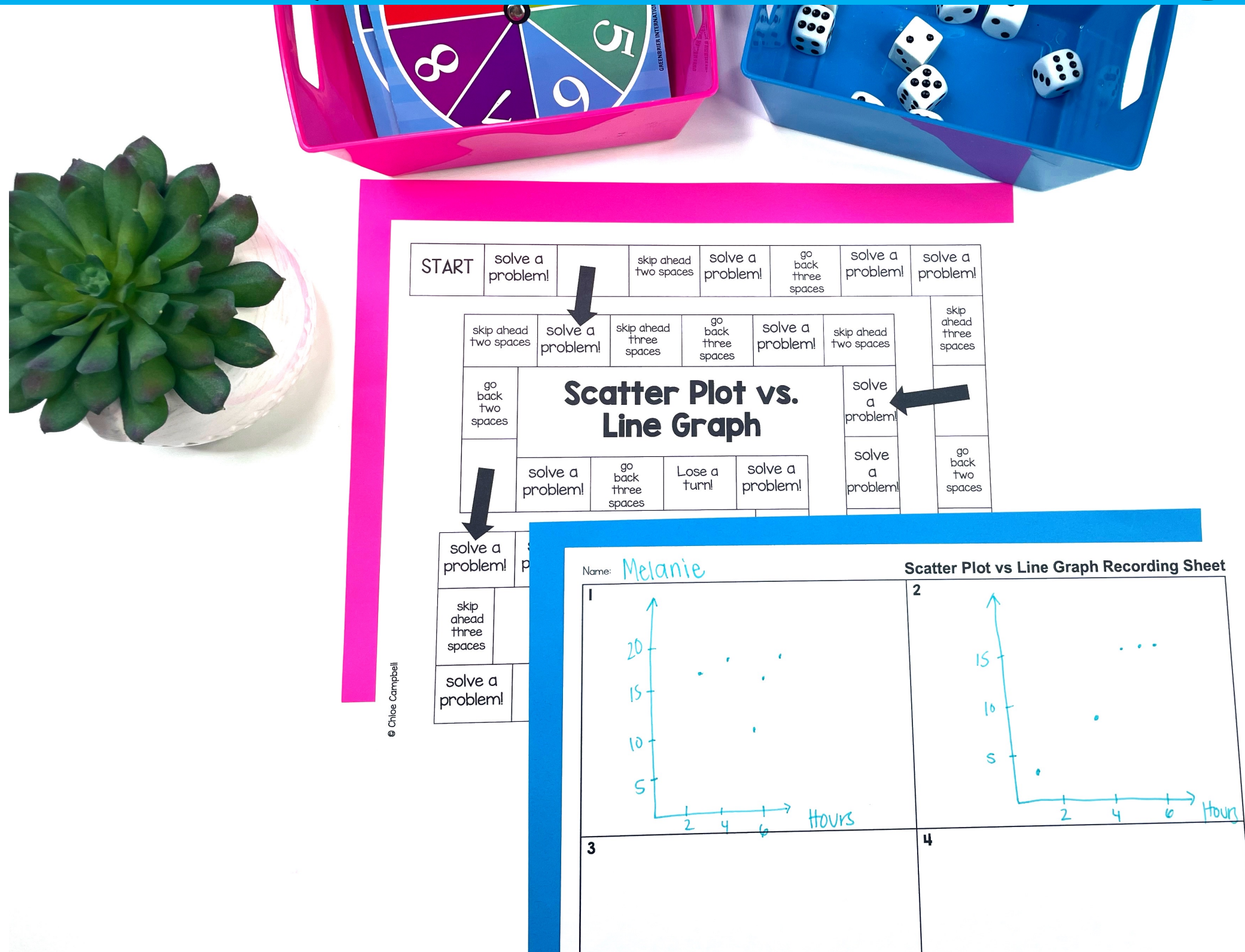
- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a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

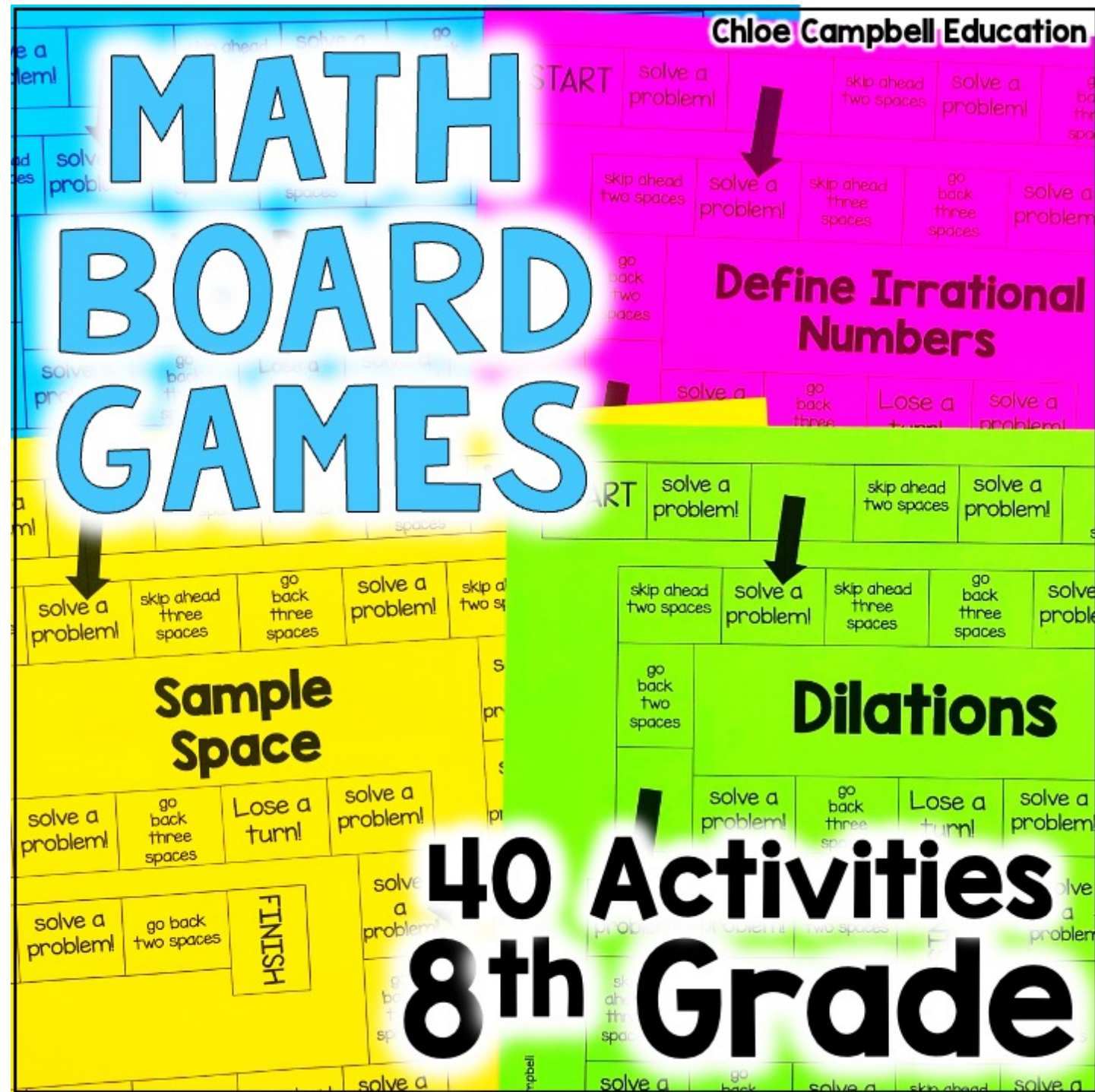
Students won't even realize they are learning!



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student engagement
and student
achievement increase!

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the
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