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Algebraic Expressions & Written Descriptions

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

solve a problem!

solve a problem!

go back three spaces

Lose a turn!

solve a problem!

solve a problem!

go back two spaces

solve a problem!

solve a problem!

go back two spaces

FINISH

solve a problem!

solve a problem!

skip ahead three spaces

go back two spaces

solve a problem!

skip ahead three spaces

solve a problem!

go back three spaces

solve a problem!

skip ahead two spaces

solve a problem!

solve a problem!

solve a problem!

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1 – Create an algebraic expression from this written description: Mike started a savings account with $50. Each month, *m*, he withdraws $10 from his account.

5 – Create a written description of this algebraic expression: $7.2p - 20$

9 – Create an algebraic expression from this written description: On Monday, James saw a certain number of hummingbirds, *h*. On Tuesday, he saw 3 more than twice the number of hummingbirds on Monday.

13 – Create a written descript of this algebraic expressior $2(x + 5)$

17 – Create an algebraic expression from this written description: Madison spends *h* hours during the week doing homework. She spends 25 hours in all doing homework and playing video games. How much time does she spend playing video games?

This resource includes:

- Teacher Direction Page
- Board Game
- 20 Question Cards
- Student Recording Sheet
- Teacher Answer Key

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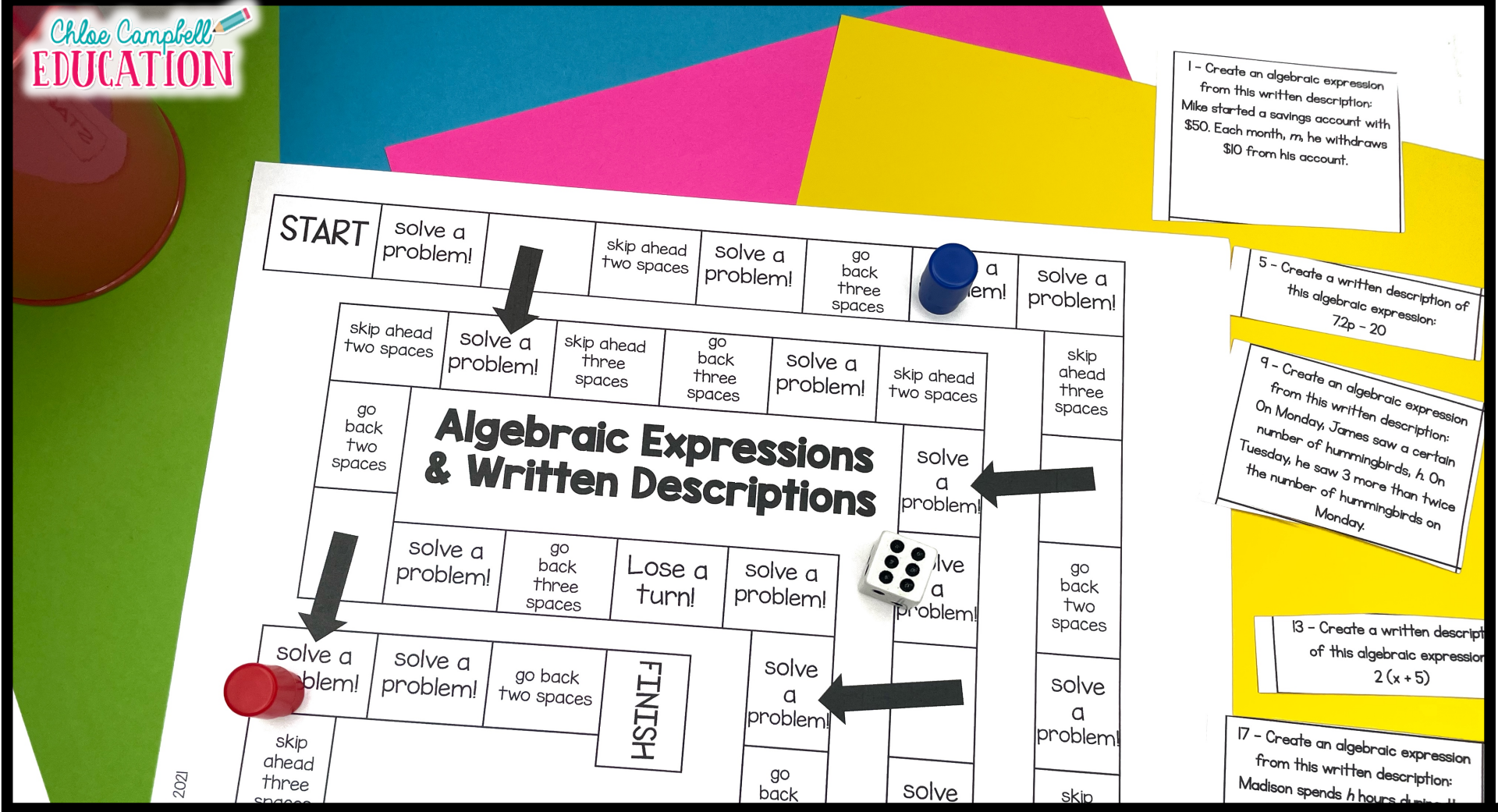

Students won't even realize they are learning!

What's the best way to use this board game?

- Math Centers or Stations
- Whole Group Practice
- Morning Work
- Early Finisher Activity
- Substitutes
- Send Home to Engage Student Families

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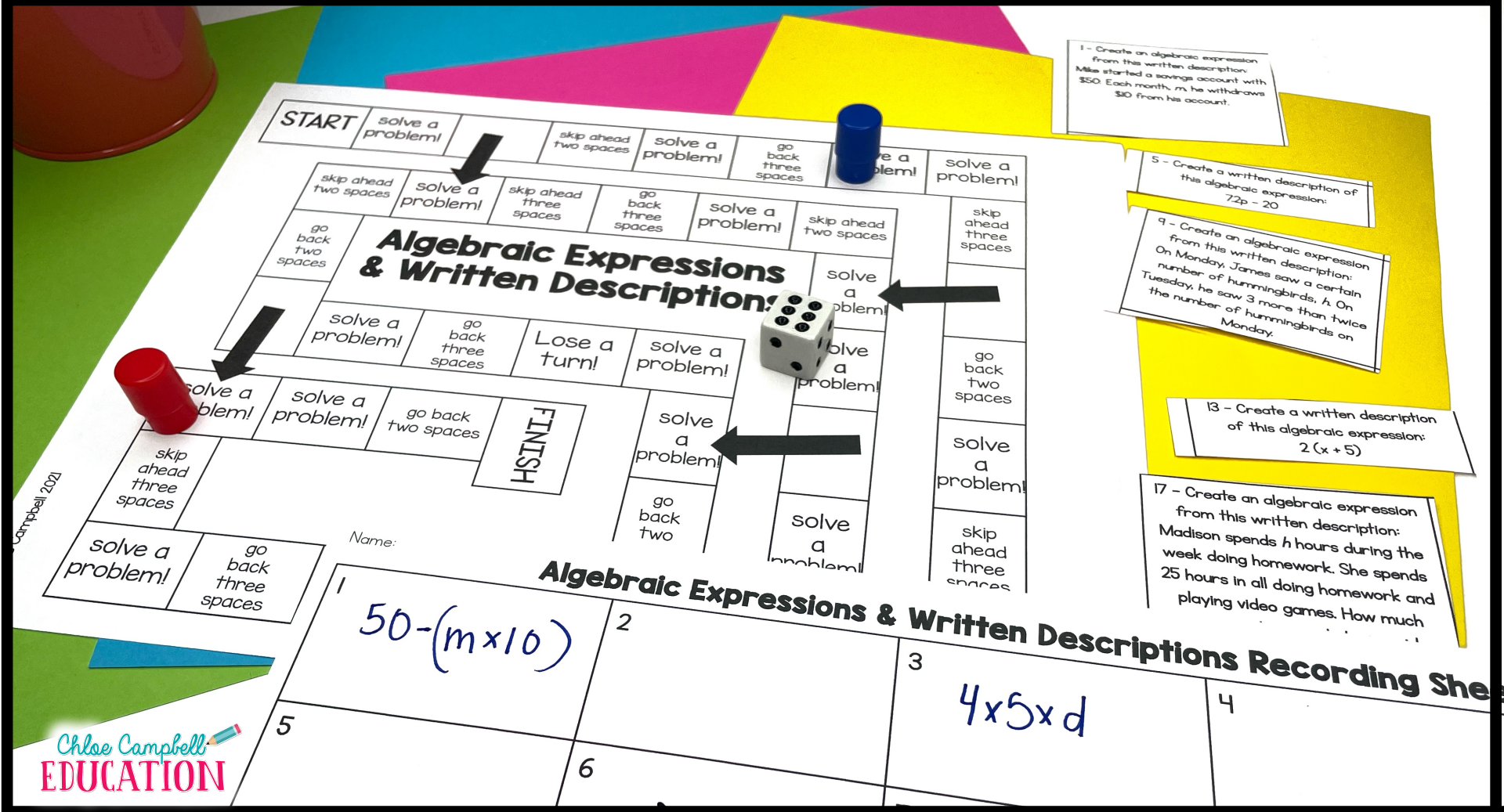

Hold students accountable with a recording sheet

Tips for Playing Math Board 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.
- Remind students that the focus is not playing the game but that's just an added bonus! The focus should be on practicing 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.

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Why Board Games?

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

(ScienceDirect, 2020).

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Teachers Like You Say:

⭐⭐⭐⭐⭐ "These are great for small group stations! What a fun task card adaption. 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!" - Anonymous

⭐⭐⭐⭐⭐ "Very easy to use and I truly believe students learn best through game play." -Tony

⭐⭐⭐⭐⭐ "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." -Nicole

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