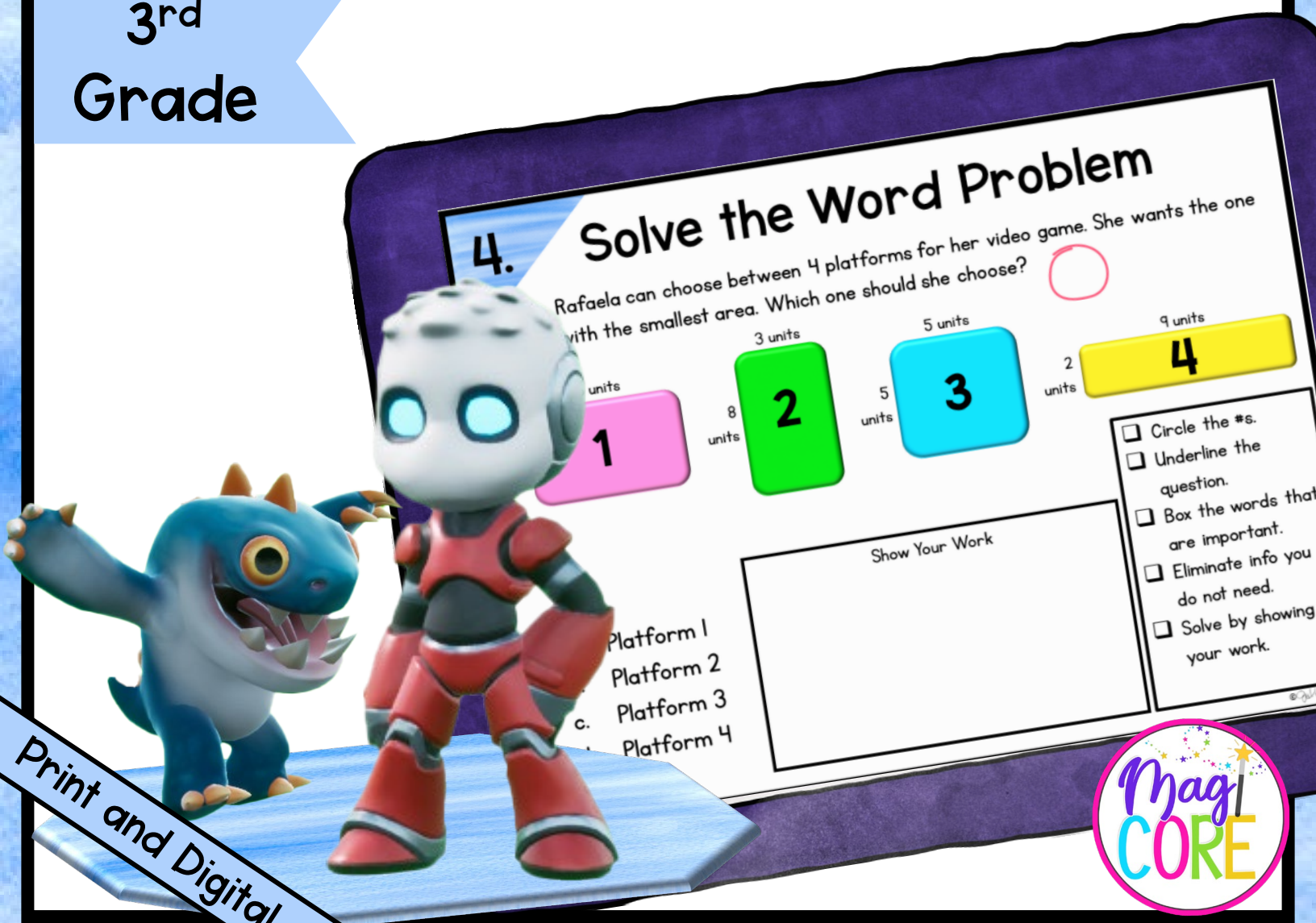
Measure and Calculate Area

Video Game Escape Room

3rd Grade



Print and Digital

MagiCORE

Digital & Printable Options

Digital Directions

Materials:

- Google Slides link for each student
- Google Sheets link for each student

Duration: Approximately 80 minutes. You can also split this up into four 20- minute sessions, having students complete one challenge per day.

Directions:

Assign your students the Google Slides and Google Sheets
Room challenge. Students work through each challenge in
Students input their code into the Google Sheet to self-c
answers. The Google Sheet will prompt students to check
move forward to the next challenge. Students complete a
challenges to receive their Video Game Escape Room Cer

Printable Directions

Materials:

- Printed cards for each team
- Computer or Tablet for Videos (optional)
- Scrap Paper (optional)

Duration: Approximately 90 minutes. You can also split this up into four 20- to 30-minute activities over four days, having students complete one challenge per day.

Prep

Print challenge cards and recording sheet for each team. Place challenge cards into envelopes.

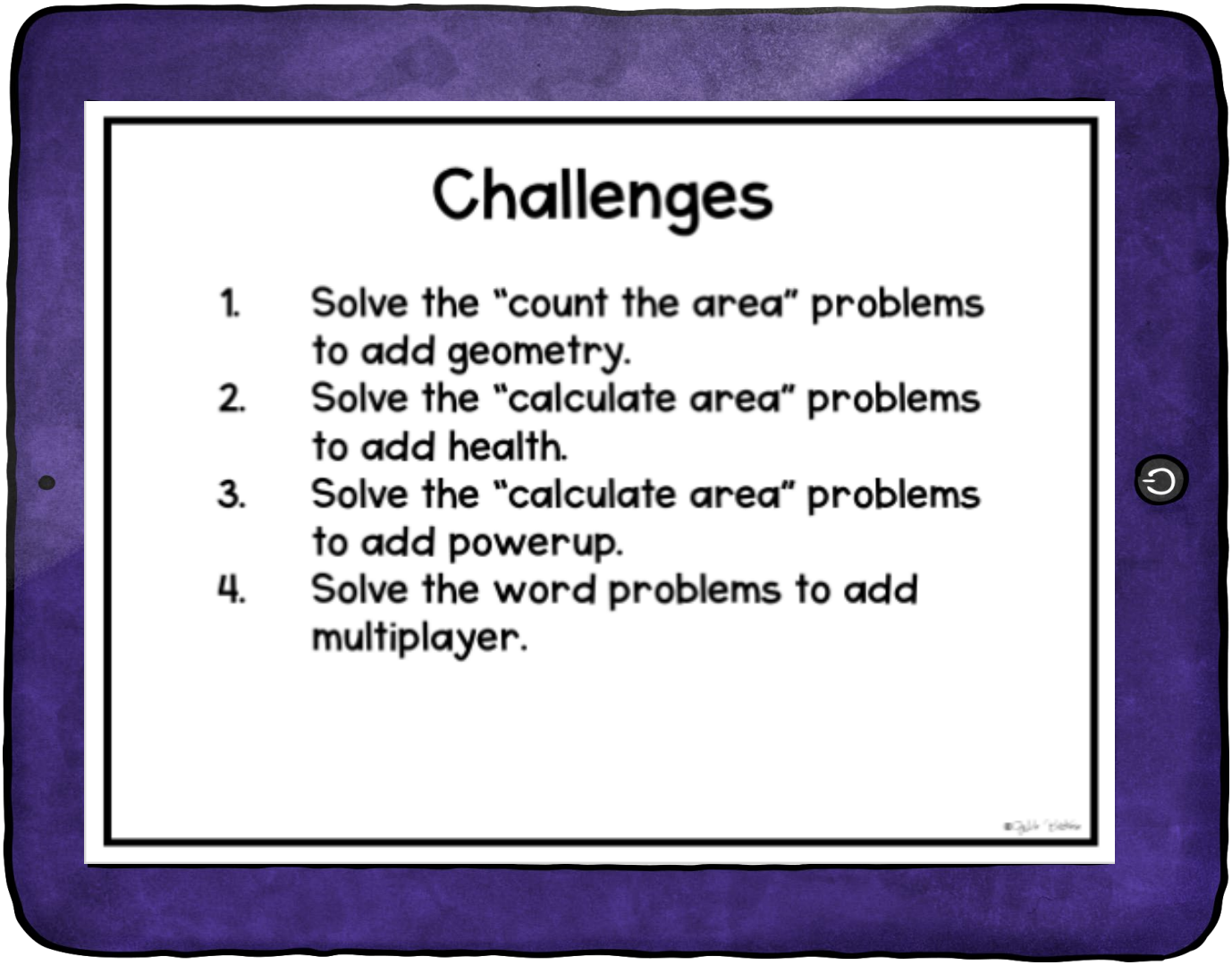
Directions

1. Split your class into teams of 4-5 students. Ensure teams are multi-level.
2. (Optional) Show the introduction video.
3. Give each team their envelope for challenge #1.
4. Allow time for each team to work through each challenge. Once they solve the challenge, they should turn the code in to the teacher to check before the teacher assigns the consecutive challenge. (Optional) Teacher may show completion videos after each challenge is solved.
5. The first team to complete all four challenges solves the case and team members receive certificates.
6. Assign "oops" cards to help create equity. Give an "oops" card to students who are taking the lead, to encourage them to step back and give other students a turn.

Videos Tell the Story

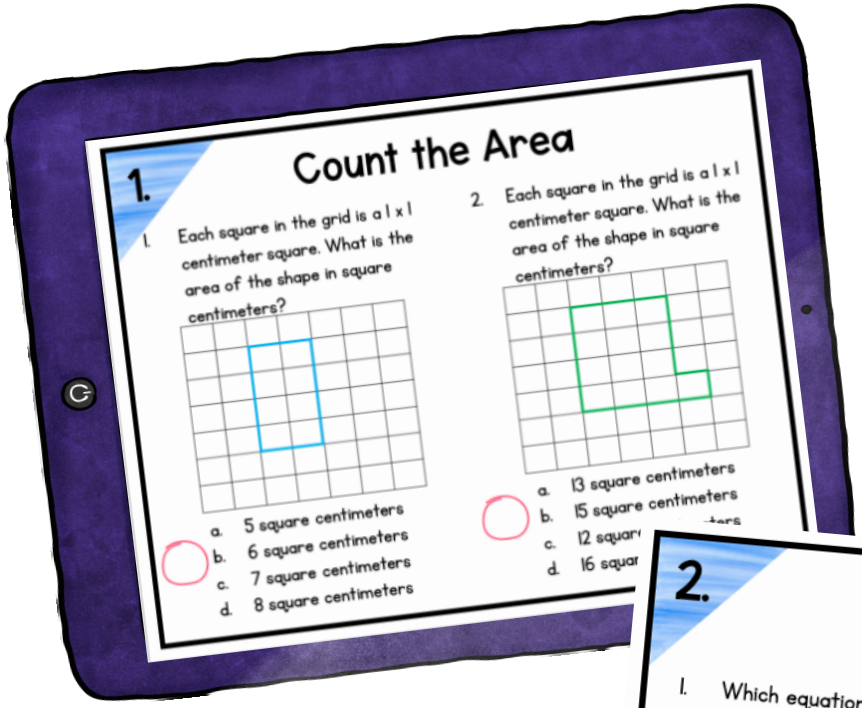
Four Measure and Calculate Area Challenges

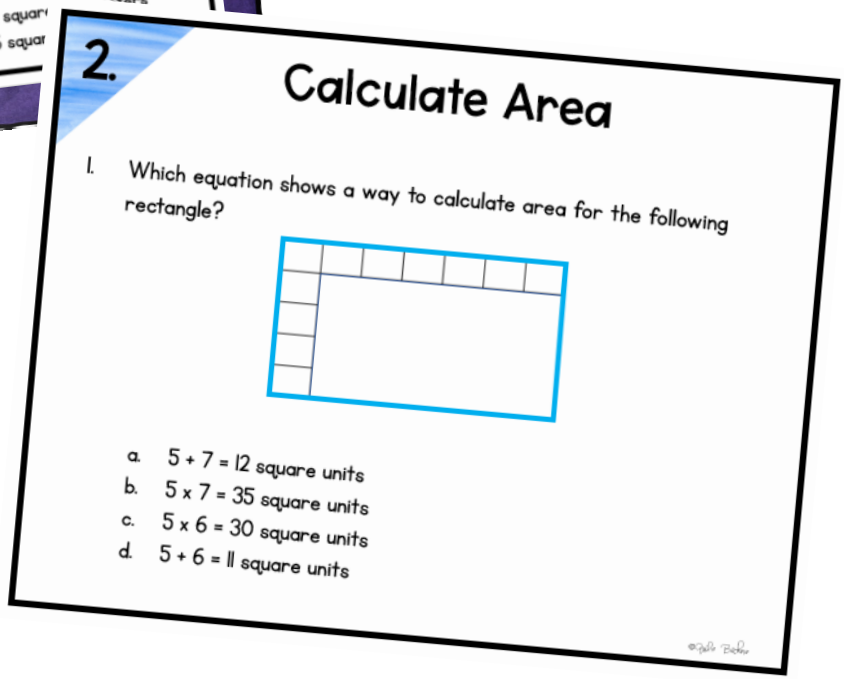
3.MD.C.6 & 3.MD.C.7



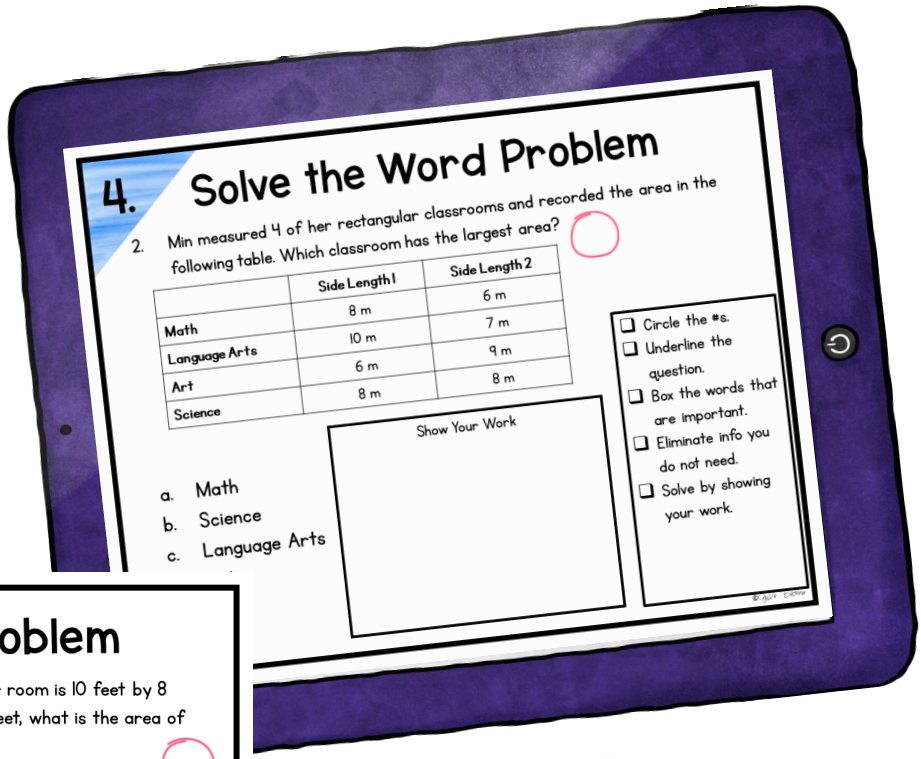
Practice Questions

Print & Digital!





Word Problems



4. Solve the Word Problem

6. You got a new rug for your room. If the area of your room is 10 feet by 8 feet, and the area of the rug you got is 4 feet by 6 feet, what is the area of the floor not covered by the rug?

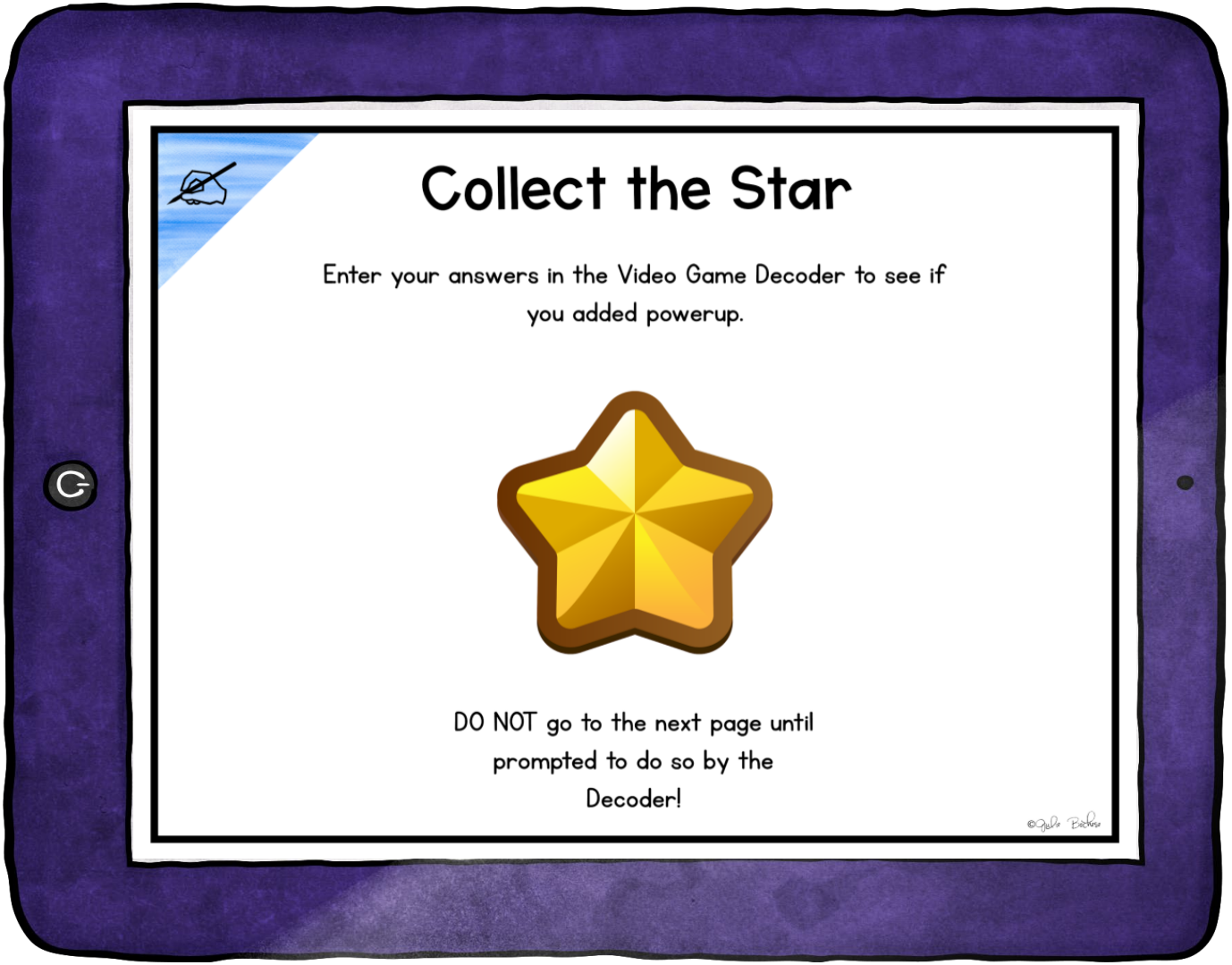
Show Your Work

a. 104 square feet
b. 60 square feet
c. 56 square feet
d. 62 square feet

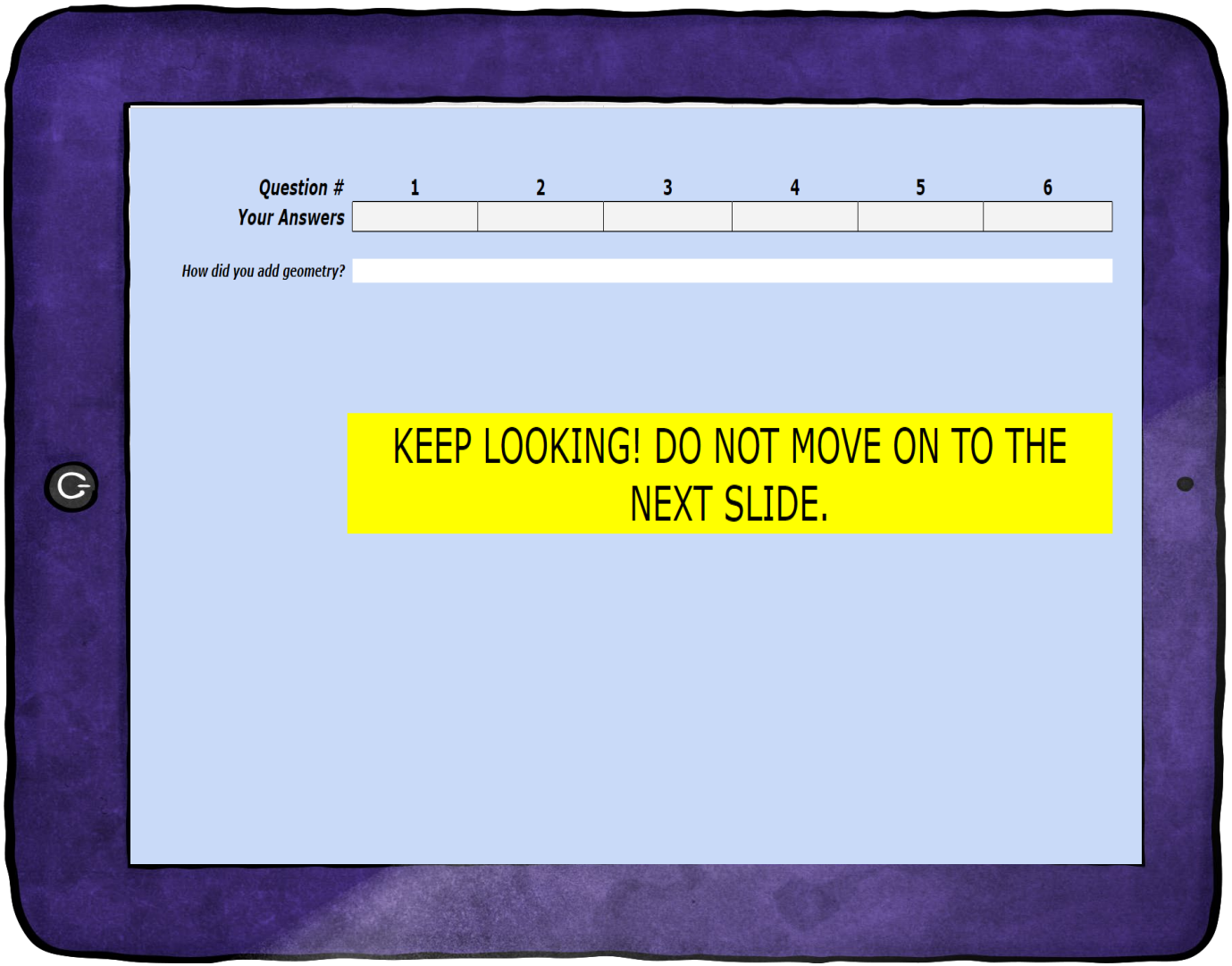
- ❑ Circle the #s.
- ❑ Underline the question.
- ❑ Box the words that are important.
- ❑ Eliminate info you do not need.
- ❑ Solve by showing your work.

Interactive Elements

Google Slides Prompt Students to use Decoder



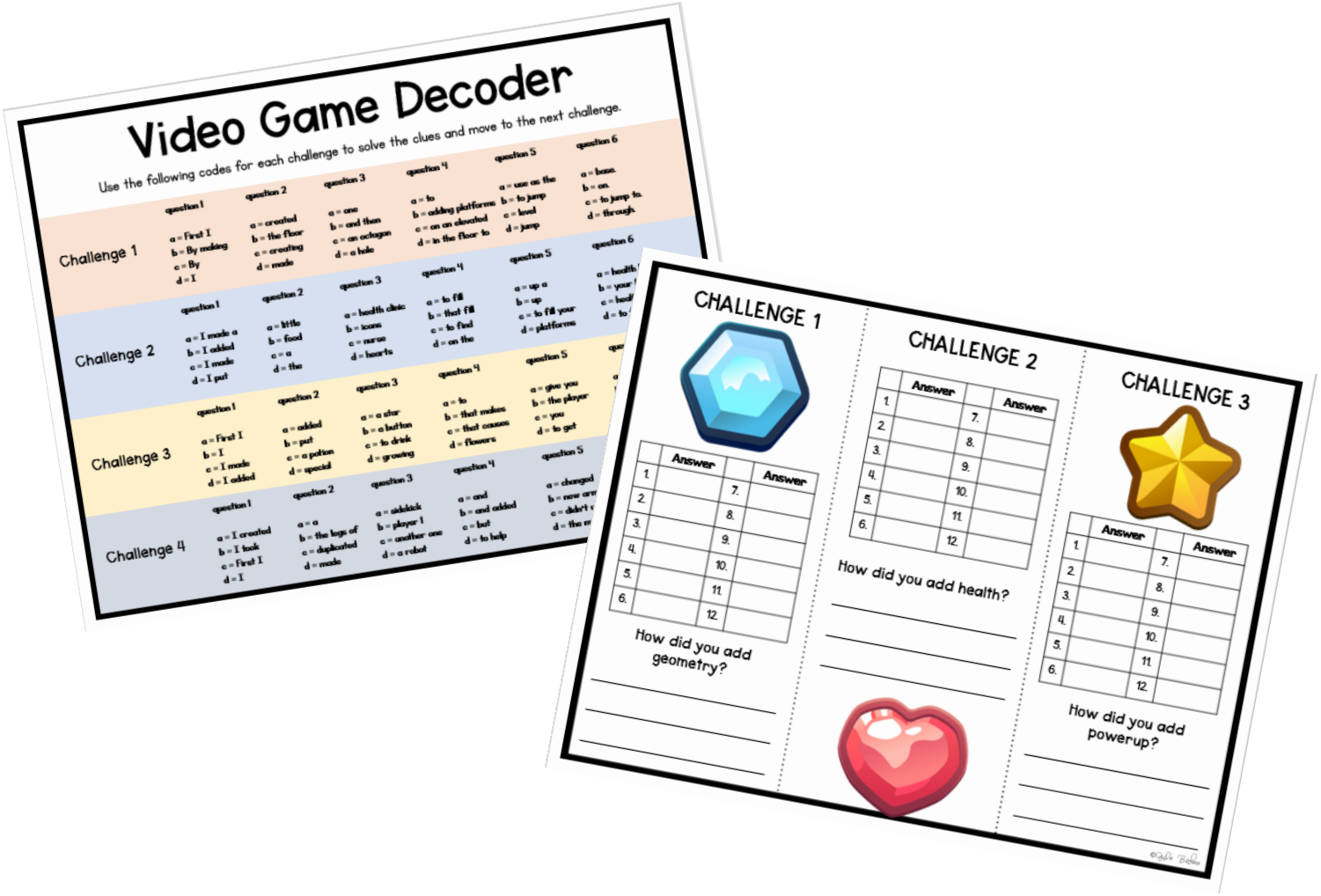
Decoder in Digital Version is Self-Checking



Question #	1	2	3	4	5	6
Your Answers						

How did you add geometry?

KEEP LOOKING! DO NOT MOVE ON TO THE NEXT SLIDE.

Printable Version Includes "Ooops!" Challenges

Printable Version Includes Recording Brochure & Decoder