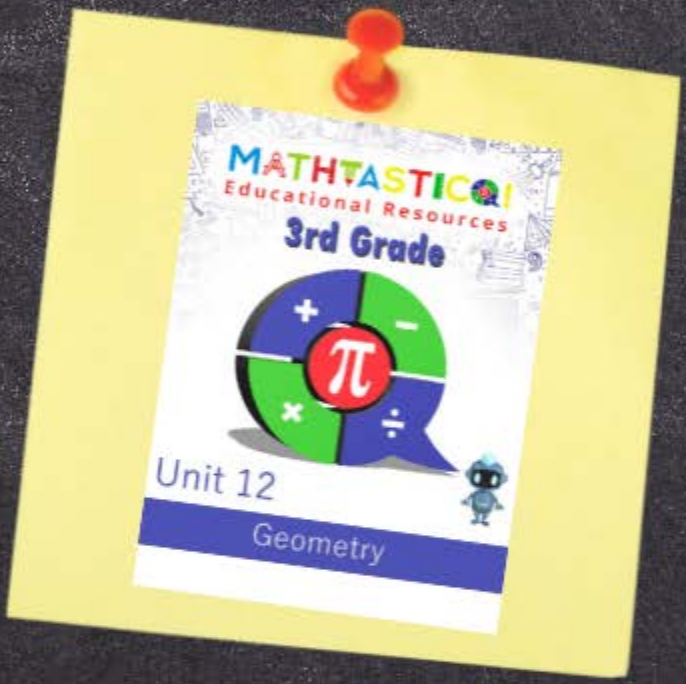
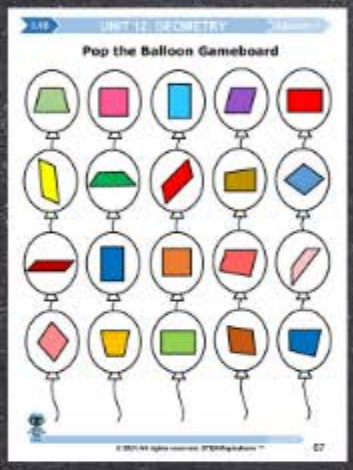
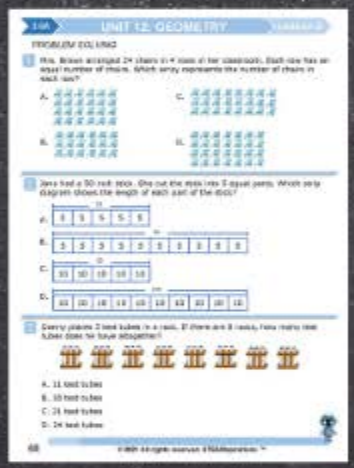
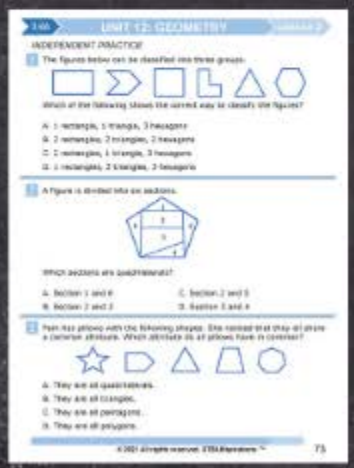
MATH BUNDLE!

3rd Grade Unit 12









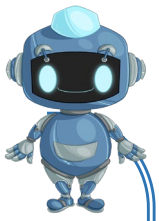
- Games
- Pre-Assessments
- Guided Practice
- Homework Lessons
- Independent Practice
- Checkpoints
- Assessment
- Spiral Review

MATHTASTICO!
Educational Resources

UNIT 12

GEOMETRY

3rd GRADE



OBJECTIVE/GOAL

Learn to **recognize quadrilaterals** using attributes and **classify two- and three-dimensional** figures using formal geometric language, such as cones, cylinders, spheres, triangular and rectangular prisms, and cubes.

VOCABULARY

- Congruent
- Parallel
- Polygon
- Quadrilateral

TARGET STANDARD

3.6B Can you use attributes to recognize rhombuses, parallelograms, trapezoids, rectangles, and squares as examples of quadrilaterals and draw examples of quadrilaterals that do not belong to any of these subcategories?
3.6A Can you classify and sort two- and three-dimensional figures, including cones, cylinders, spheres, triangular and rectangular prisms, and cubes, based on attributes using formal geometric language?

QUESTIONS TO GUIDE YOUR THINKING

- Are square, rhombus, and rectangle examples of a parallelogram?
- Why do all squares are rectangles, but not all rectangles are squares?
- Why do all cubes are rectangular prisms but not all rectangular prisms are cubes?

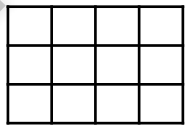
TRACK YOUR ACCOMPLISHMENTS

CHECKPOINT 1 ☐

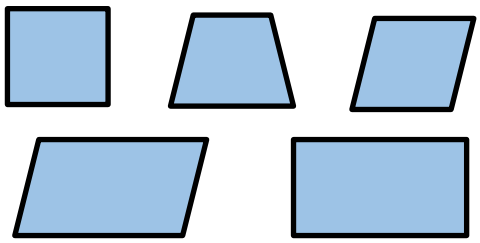
CHECKPOINT 2 ☐

CHECKPOINT 3 ☐

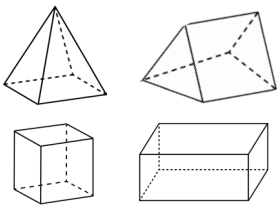
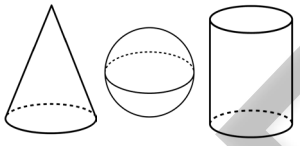
UNIT ASSESSMENT ☐

MONDAY	1. What is the value of the digit 1 in the number below? 215,987 _____	2. "Box in" the number with the greatest value. 476,907 475,765 476,254	3. Compare the fractions using the symbols >, <, or =. 
TUESDAY	4. What is the value of the coins given below?  _____	5. Fred harvested 328 oranges. Forty-three oranges were rotten. How many oranges were **not** rotten? _____	6. What is the **estimated sum** of the two numbers? Round the numbers to the nearest **ten**. 156 + 235 ☐
WEDNESDAY	7. Write a multiplication sentence to describe the array below.  _____	8. A rectangle has an area of 12 square feet. What is its width?  L = 4 feet W = _____	9. "Box in" the fact that gives an **odd** number sum. 23 + 45 54 + 83 40 + 86
THURSDAY	10. Find the product. 20 x 3 = ☐	11. Tom cooked 14 plates of pasta. He served them in trays. Each tray has 2 plates. Draw a strip diagram below to show the number of trays he used.	12. Complete the table below. Input / Output 3 / 6 4 / 8 7 / _____

WONDER

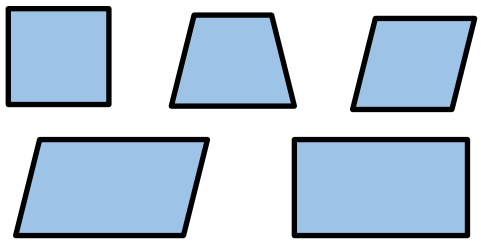


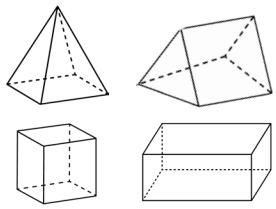
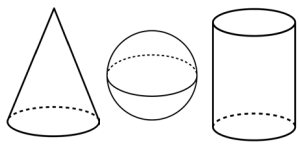
What do you ***wonder*** about the figures shown?

Flat Surface	Curved Surface
	

EXPLORE

If this were a word problem, what are some questions that could be asked?



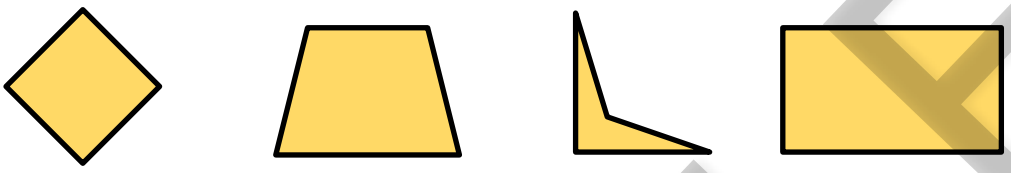
Flat Surface	Curved Surface
	

Write down one question you could ask here:

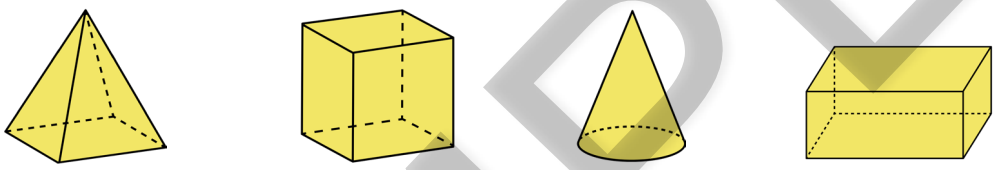
CONNECT

Use what you learned to solve a new problem:

Which shape appears to be a rhombus?



Which shape does **not** belong in the group?

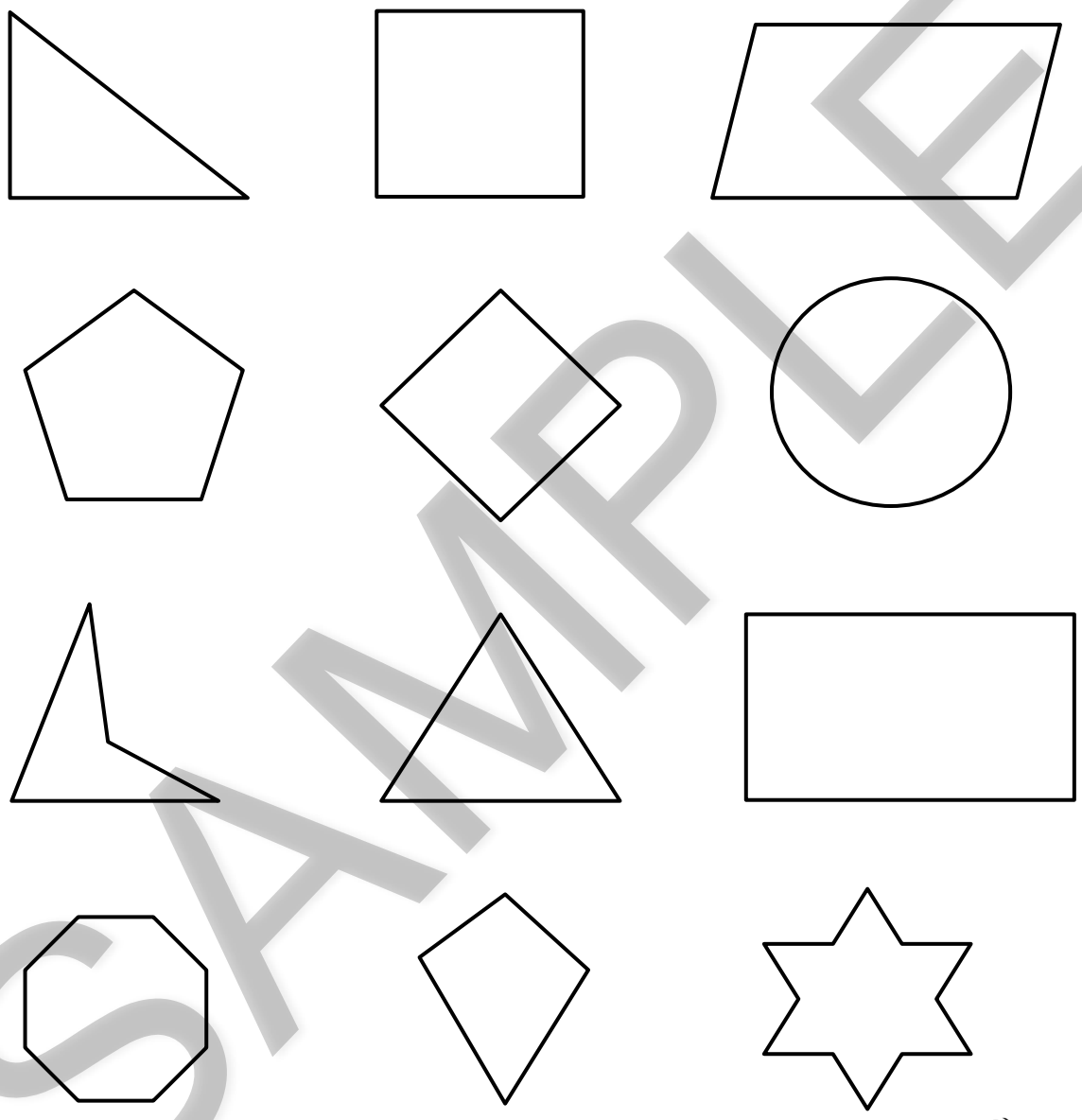


REFLECT

Reflect on what you learned about geometry.

SKILL BUILDING

1 Color all the shapes that are **quadrilaterals**.



There are lots of shapes! Which of the shapes above are **quadrilaterals**?

Pop the Balloons

For this game, a gameboard, a pencil and paper clip for the spinner, and a set of counters for each player are required.

1. The players will decide who goes first by playing a game of rocks, paper, and scissors. The winner will take the first turn.

2. On your turn, spin the spinner. Look at the shape where the spinner stops and find it on the gameboard.

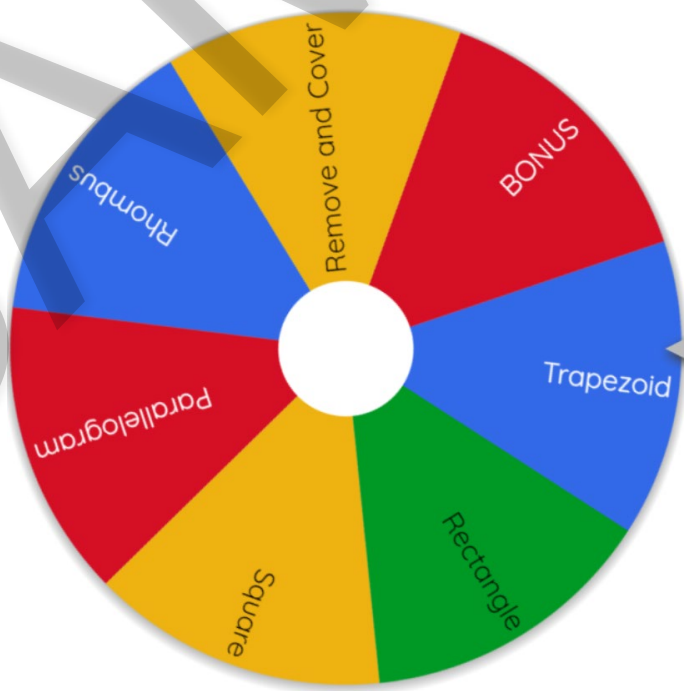
3. Pop the balloon by placing a counter on your answer. If there is already a counter on the balloon, you lose your turn.

4. If the spinner lands on "BONUS," you may place a counter on any shape you want as long as no opponent's counter is on it.

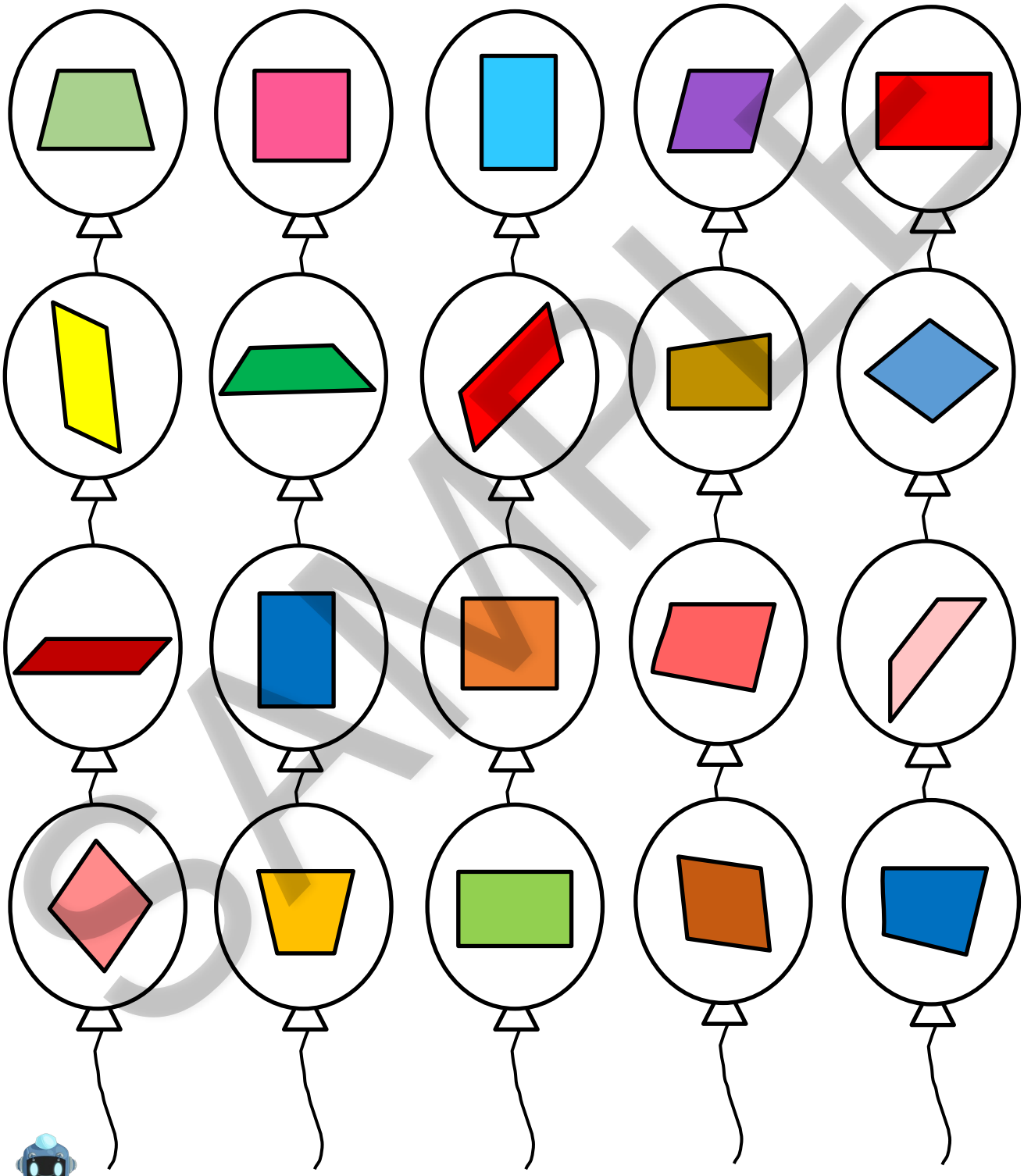
5. If the spinner lands on "Remove and Cover," you may remove an opponent's counter from any shape and replace it with your own.

6. The game will continue until all of the balloons have been popped.

7. The player with the greatest number of counters on the game board wins the game.



Pop the Balloon Gameboard

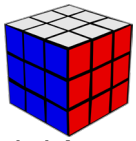


INDEPENDENT PRACTICE

1 Lea found the objects below in her house. She classified these objects according to their shape.


Traffic Cone


Dice


Rubik's Cube


Party Hat

Which table best describes the classification of these objects?

A.

Group	Object
Cube	Rubik's Cube Dice
Cylinder	Traffic Cone Party Hat

C.

Group	Object
Pyramid	Rubik's Cube Dice
Cylinder	Traffic Cone Party Hat

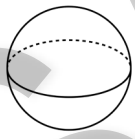
B.

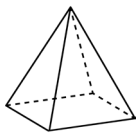
Group	Object
Cube	Rubik's Cube Dice
Cone	Traffic Cone Party Hat

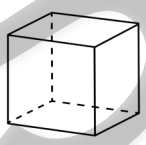
D.

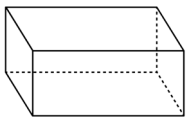
Group	Object
Cube	Rubik's Cube Dice
Sphere	Traffic Cone Party Hat

2 Which figure has **no** vertices?

A. 

C. 

B. 

D. 

3 Which shape has two circular bases?

A. Pyramid

C. Sphere

B. Cube

D. Cylinder

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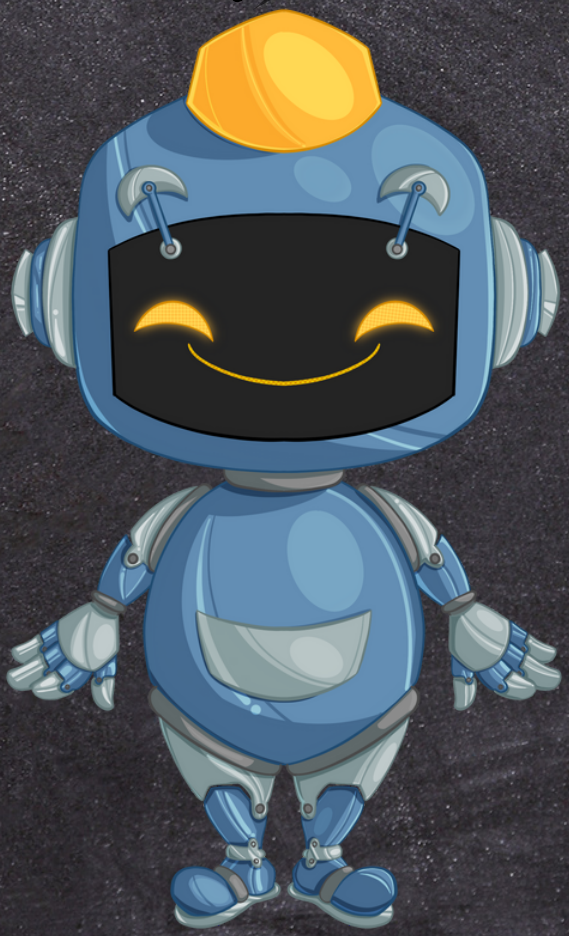

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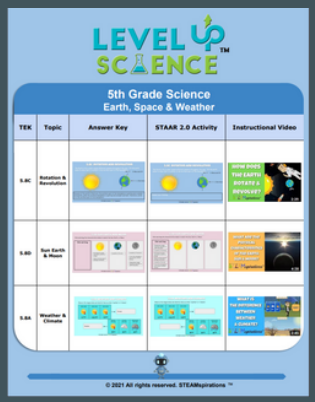

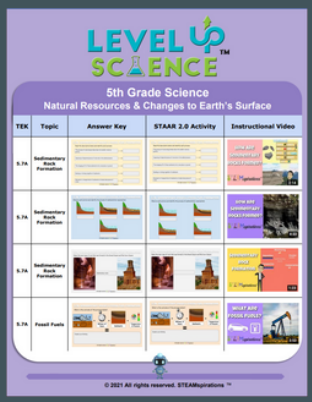

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