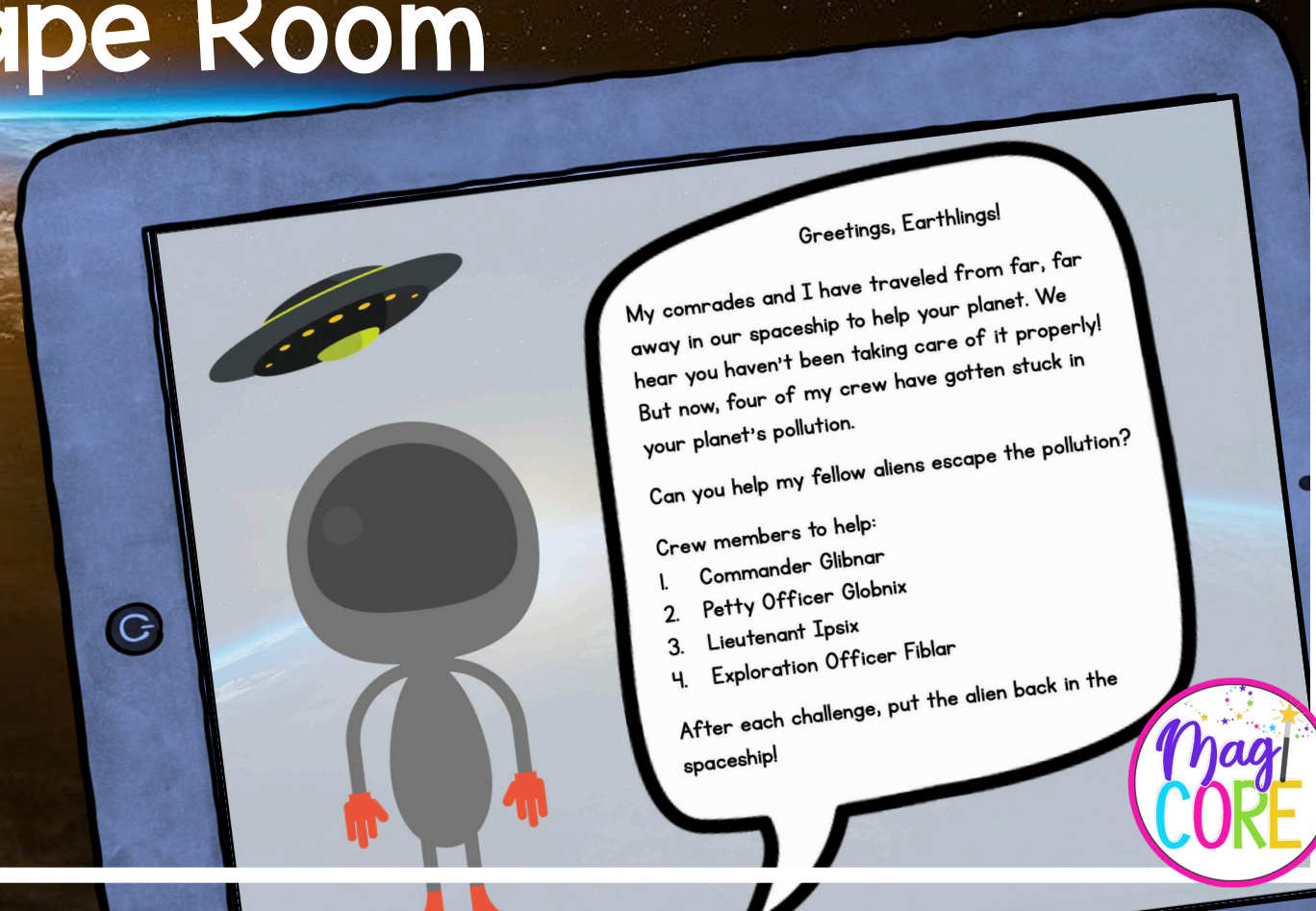
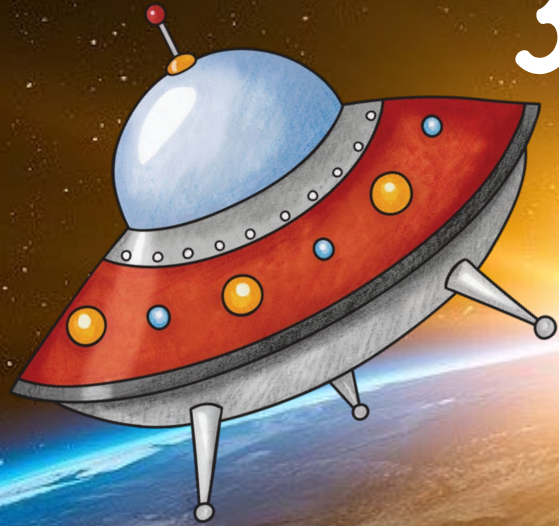


Earth Day Alien Escape

3rd Grade Math Review

Escape Room

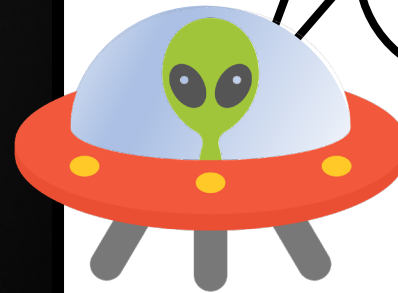


Print & Digital



Immerse in the Story

You know, we aliens came to Earth to try to help your planet, but now four of my friends are stuck in some pretty polluted places! Please, help me pick them all up before this Earth Day is over.



Learn more!



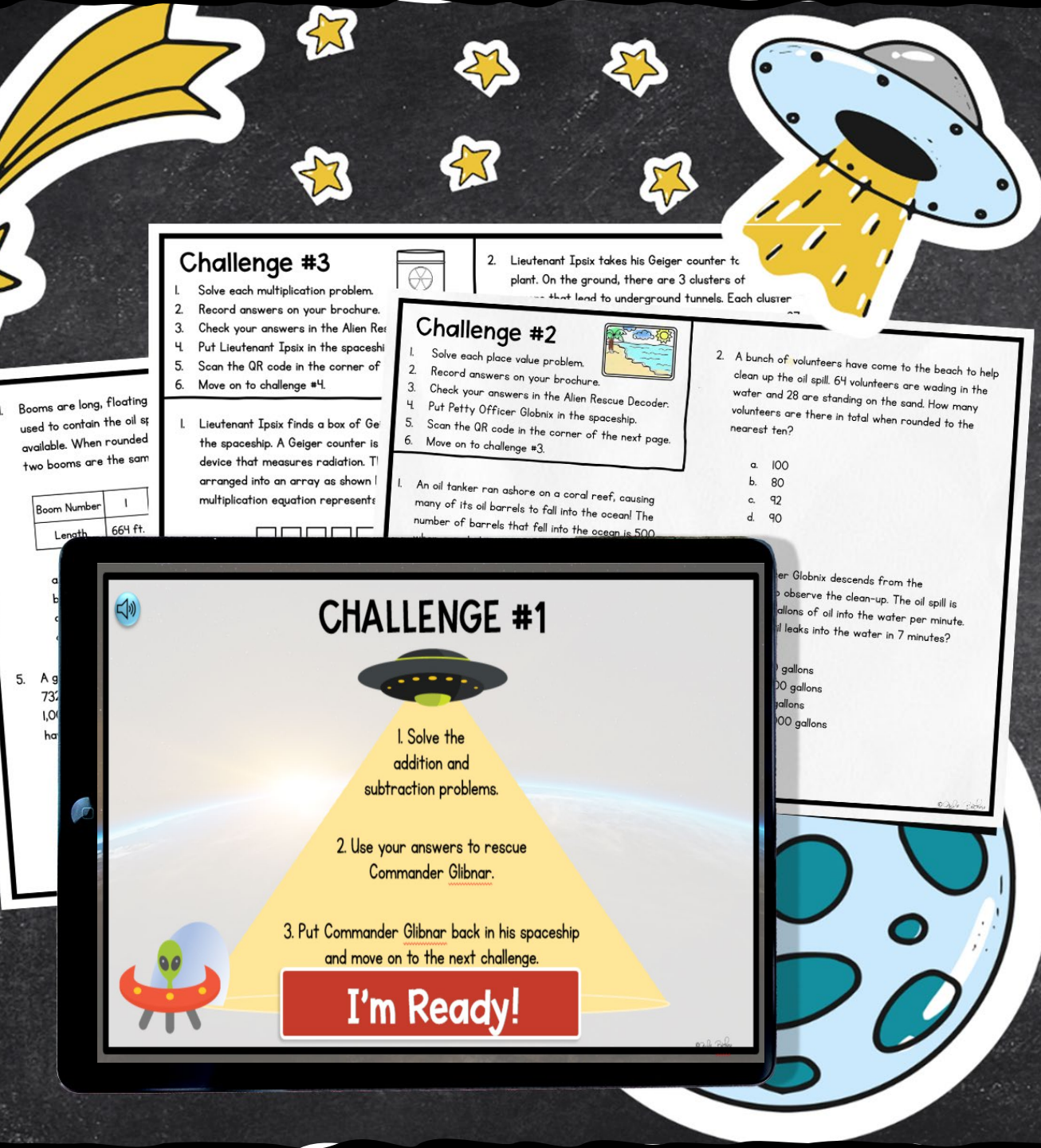
4 Math Challenges

- Standards Based
- Scaffolded

Challenges

1. Addition and subtraction (2.OA.A.1, 2.NBT.B.7)
2. Place Value (2.NBT.A.1, 2.NBT.B.4)
3. Arrays (2.OA.C.4)
4. Geometry & Fractions (2.G.A.1, 2.G.A.2, 2.G.A.3)

Learn more!



Challenge #3

1. Solve each multiplication problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Lieutenant Ipsix in the spaceship.
5. Scan the QR code in the corner of the page.
6. Move on to challenge #4.



2. Lieutenant Ipsix takes his Geiger counter to plant. On the ground, there are 3 clusters of plants that lead to underground tunnels. Each cluster has 12 plants.

Challenge #2



1. Solve each place value problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Petty Officer Globnix in the spaceship.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #3.

2. A bunch of volunteers have come to the beach to help clean up the oil spill. 64 volunteers are wading in the water and 28 are standing on the sand. How many volunteers are there in total when rounded to the nearest ten?

- a. 100
- b. 80
- c. 92
- d. 90

1. An oil tanker ran ashore on a coral reef, causing many of its oil barrels to fall into the ocean. The number of barrels that fell into the ocean is 500.

CHALLENGE #1



1. Solve the addition and subtraction problems.
2. Use your answers to rescue Commander Glibnar.
3. Put Commander Glibnar back in his spaceship and move on to the next challenge.

I'm Ready!



3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



Challenge #3

1. Solve each multiplication problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Lieutenant Ipsix in the spaceship.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #4.

1. Lieutenant Ipsix finds a box of Geiger counter readings. The readings are arranged into an array as shown. Write a multiplication equation representing the array.

Boom Number	1
Length	664 ft.

Challenge #2

1. Solve each place value problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Petty Officer Globnix in the spaceship.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #3.

1. An oil tanker ran ashore on a coral reef, causing many of its oil barrels to fall into the ocean! The number of barrels that fell into the ocean is 500 when rounded to the nearest ten.

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- a. 100
- b. 80
- c. 92
- d. 90

Greetings, Earthlings!

My comrades and I have traveled from far, far away in our spaceship to help your planet. We hear you haven't been taking care of it properly! But now, four of my crew have gotten stuck in your planet's pollution.




Can you help my fellow aliens escape the pollution?

Crew members to help:

1. Commander Glibnar
2. Petty Officer Globnix
3. Lieutenant Ipsix
4. Exploration Officer Fiblar

After each challenge, put the alien back in the spaceship!

Let's Go!

	PDF 	Google Slides 	Webscape™ 
Format Type	Printable	Digital	Digital
Device	N/A	Any Device	Any Device
Required Prep	Print & Go	Copy & Share	Zero Prep
Student Answers	Printable Answer Pamphlet	Google Sheets Decoder Tool	Integrated Challenge Hub
Self Correcting	Includes Answer Key	Self Correcting	Self Correcting
Custom Videos	QR Codes	Embedded You Tube	Embedded
Audio Readings	N/A	No Audio Readings	Contains Audio Readings
Navigation	N/A	Student Directed	Automatically Advancing
Extras	Early Finish Challenges	Movable Pieces	Interactive Animation

3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



Print

- Low prep
- Paper Saving
- Optional QR codes so students experience videos

Learn more!



Challenge #1

1. Solve each addition or subtraction problem.
2. Record answers on your brochure.
3. Check your answers in the Alien Rescue Decoder.
4. Put Commander Glibnar in the spaceship.
5. Scan the QR code in the corner of the next page.
6. Move on to challenge #2.

2. The highest smokestack in Smog City is 902 feet high. The shortest smokestack is 289 feet high. How much taller is the highest smokestack than the shortest?

- a. 713 feet
- b. 613 feet
- c. 607 feet
- d. 799 feet

1. Smog City has lots of factories and, as a result, it is very smoggy. The number and types of factories are below. How many factories are there in Smog City in total?

189 automobile factories
234 electronics factories
317 toy factories

- a. 730 factories
- b. 740 factories
- c. 640 factories
- d. 740 factories

3. None of the residents of Smog City walk, bike, or take public transportation. They all drive their own cars everywhere! Commander Glibnar sees 456 cars go by in one hour. In the next hour, he sees 387 more cars go by. How many cars have passed Commander Glibnar?

- a. 833 cars
- b. 743 cars
- c. 733 cars
- d. 843 cars

4. Commander Glibnar tries using his Air Purifying Laser to clean the air in Smog City. He runs it for 249 minutes, but the air is as smoggy as ever! He recharges it and runs it for 485 minutes more. For how many minutes did he use the laser?

- a. 624 minutes
- b. 634 minutes
- c. 724 minutes
- d. 734 minutes

5. Commander Glibnar is counting how many vehicles are stuck in a traffic jam. He uses the "break apart" strategy to help him. This is what he did to find the number.

$$\begin{array}{r} 663 \text{ cars} + 346 \text{ trucks} = ? \text{ vehicles in total} \\ \downarrow \quad \downarrow \\ 600 + 60 + 3 \quad 300 + 40 + 6 = ? \end{array}$$

Which set of equations shows Commander Glibnar's thinking using the "break apart" strategy?

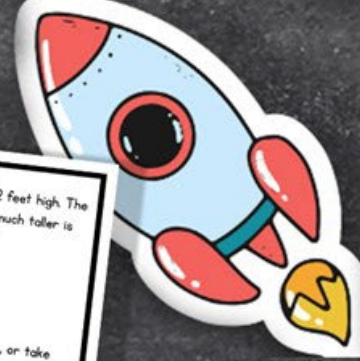
- a. $600 + 300 = 900$, $60 + 40 = 100$, and $3 + 6 = 9$, so $900 + 100 + 9 = 1,009$ vehicles
- b. $600 + 60 = 660$, $300 + 40 = 340$, and $3 + 6 = 9$, so $660 + 340 + 9 = 1,009$ vehicles
- c. $600 + 6 + 3 + 300 + 40 + 6 = 1,009$ vehicles
- d. $600 + 60 + 3 = 663$, and $300 + 40 + 6 = 346$, so $663 + 346 = 1,009$ vehicles

6. The landfill in Smog City is overflowing, so every day they burn 9 truckloads of trash instead of putting it in the landfill. Commander Glibnar wrote this multiplication equation to determine how many truckloads of trash are burned each week. Which repeated addition sentence matches the multiplication equation?

$$9 \times 7$$

- a. $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$
- b. $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7$
- c. $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$
- d. 9×7

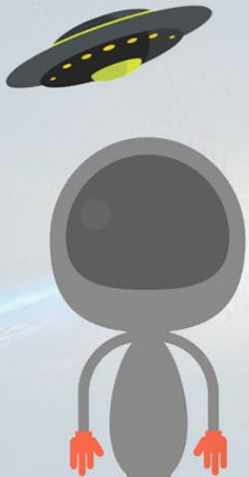
Scan the QR code or click [here](#) to view the video.



Print

- Cut and paste stamps for each challenge
- Easy to follow
- Optimal for group or partner work

Learn more!



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Can you help my fellow aliens escape the pollution?

Crew members to help:

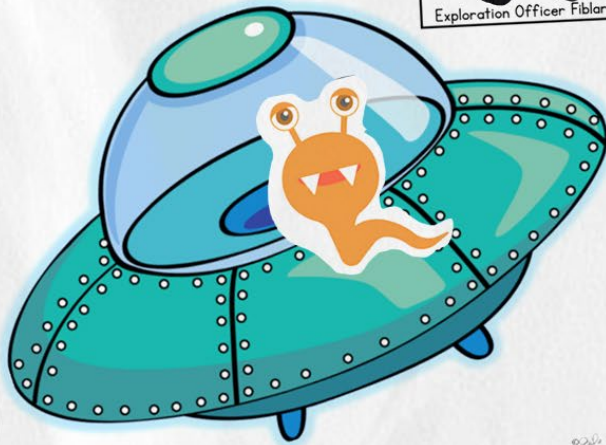
1. Commander Glibnar
2. Petty Officer Globnix
3. Lieutenant Ipsix
4. Exploration Officer Fibrar

After each challenge, put the alien back in the spaceship!

Scan the QR code or [click here](#) to watch the video



Cut out each alien. After each challenge, paste the alien into the spaceship. Once all the aliens are safely back on the ship, they can return home!



Exploration Officer Fibrar



Lieutenant Ipsix



Commander Glibnar



Petty Officer Globnix

The highest smokestack in Smog City is 902 feet high. The shortest smokestack is 289 feet high. How much taller is the highest smokestack than the shortest?

- a. 713 feet c. 607 feet
b. 613 feet d. 719 feet

One of the residents of Smog City walk, bike, or take public transportation. They all drive their own cars. Anywhere Commander Glibnar sees 456 cars go by in one hour. In the next hour, he sees 387 more cars go by. How many cars have passed Commander Glibnar?

- a. 833 cars c. 733 cars
b. 743 cars d. 843 cars

4. Commander Glibnar tries using his Air Purifying Laser to clean the air in Smog City. He runs it for 249 minutes, but the air is as smoggy as ever! He recharges it and runs it for 485 minutes more. For how many minutes did he use the laser?



- a. 624 minutes c. 724 minutes
b. 634 minutes d. 734 minutes

Print

- Recording brochure for answers
- Self-checking decoder
- Certificate of completion

Learn more!



 **Alien Rescue Decoder** 

Use the following codes for each challenge to solve the clues and move to the next challenge.

Challenge 1	question 1	question 2	question 3	question 4	question 5	question 6
a = We were	a = going	a = near	a = when the	a = of old	a = factory.	
b = He was	b = hiding	b = because	b = smokestack	b = to his	b = spaceship.	
c = He had	c = into	c = among	c = pollution	c = when the	c = trees.	
d = There was	d = called	d = underneath	d = a pile	d = since	d = windows.	

Challenge 2	question 1	question 2	question 3	question 4	question 5	question 6
a = He was	a = water	a = dish soap.	a = because	a = a little	a = of tanker.	
b = With a	b = cleaning	b = and	b = sometimes	b = on the beach.	b = on the beach.	
c = First you	c = him	c = volunteer	c = washing	c = lots of	c = back home.	
d = Not ...			d = but then	d = he goes	d = scrubbing.	

question 4	question 5	question 6
a = underground	a = the	a = quickly.
b = radioactive	b = out	b = nuclear plant.
c = chasing	c = help him	c = afterwards.
d = into	d = running	d = immediately.

EARTH DAY ALIEN RESCUE

(name)

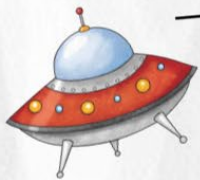
has successfully saved all the
aliens from the Earth's pollution!

Scan the QR code
or click [here](#) to
view the video



(Date)

Thank you, Earthling!



CHALLENGE 1



	Answer	Code
1.		
2.		
3.		
4.		
5.		
6.		

Where was Commander
Glibnar hiding?

CHALLENGE 2

Answer	Code
1.	
2.	
3.	
4.	
5.	
6.	

How can you clean all
the oil off Petty Officer
Globnix?



CHALLENGE 3



Answer	Code
1.	
2.	
3.	
4.	
5.	
6.	

How can you help
Lieutenant Ipsix escape
from the nuclear plant?



OOPS!
You forgot to recycle!



OOPS!
Your eyes are irritated from the smog!



YOU MUST BE BLINDFOLDED FOR 5
MINUTES. NO USING YOUR EYES
DURING THIS TIME!

OOPS!
You need to clean up!



NO HELPING YOUR TEAM
FOR 3 MINUTES!

Print

- OOPS! Cards for differentiation

Learn more!



Webscape TM

- Most interactive experience
- Self correcting
- Embedded videos
- Embedded audio
- Animation
- Simple navigation

Learn more!

The screenshot shows a game interface on a tablet. At the top, a yellow comet is visible. The game area has a background of a planet with a bright sun. A yellow cone with the number '1.' is pointing to the text. The text asks for the total number of factories in Smog City based on the following list: 189 automobile factories, 234 electronics factories, and 317 toy factories. At the bottom, there are four teal buttons with white text: '730 factories', '740 factories', '640 factories', and '720 factories'.

1. SOLVE THE PROBLEM

Smog City has lots of factories and, as a result, it is very smoggy. The number and types of factories are below. How many factories are there in Smog City in total?

- 189 automobile factories
- 234 electronics factories
- 317 toy factories

730 factories 740 factories 640 factories 720 factories

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Learn more!



Google Slides

2

SOLVE THE PROBLEM.

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- a. 713 feet
- b. 613 feet
- c. 607 feet
- d. 719 feet

Drag to circle
your answer



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- One problem per slide
- Students drag to highlight answer

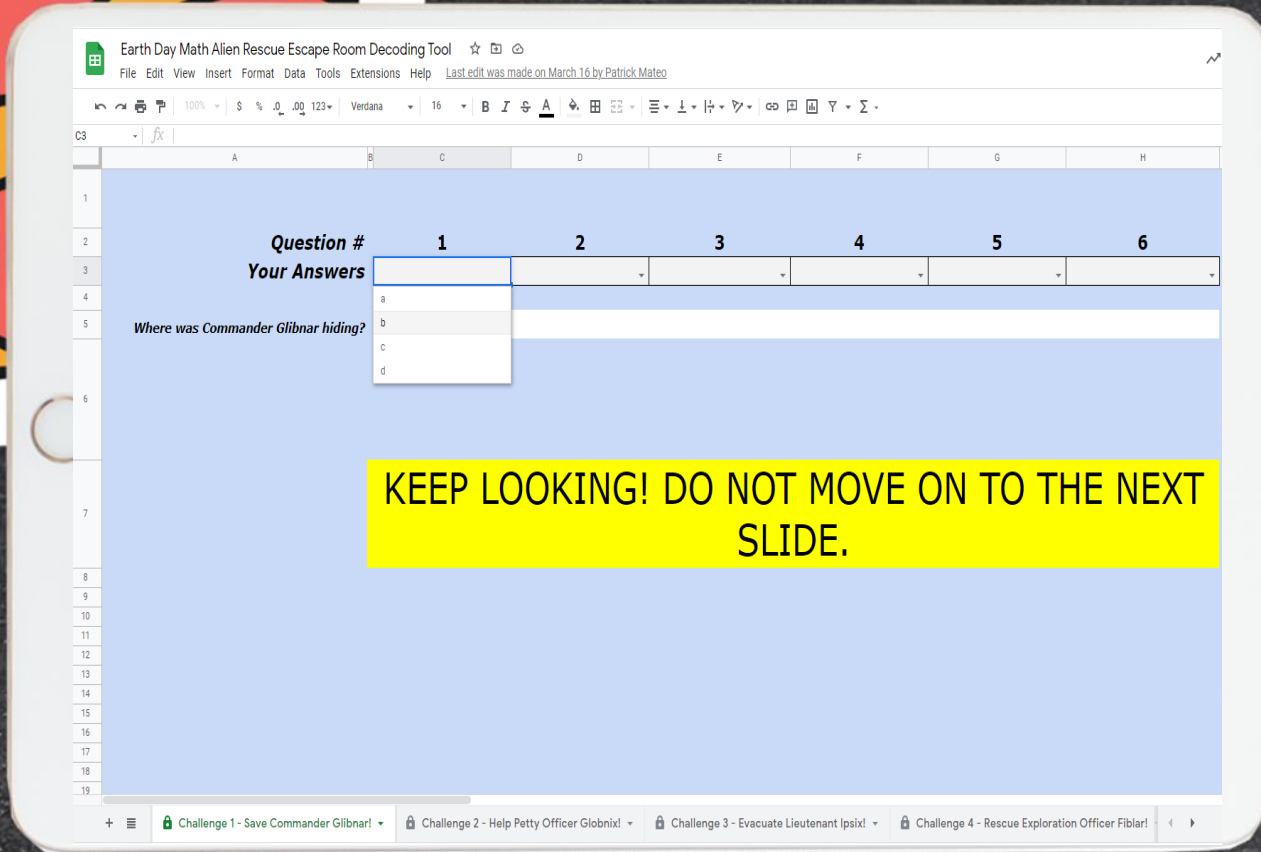
Learn more!



Google Slides

- Toggle to self-checking decoder
- Decoder will prompt at the end of each challenge whether students are correct or need to check their work.

Learn more!



Looking for More?

