

# JOURNEY THROUGH MARS ESCAPE ROOM ADVENTURE

WITH JENN DONAIS and SHANNON RYAN



## Do Nows:

- Go to:  
<https://student.de-smos.com/join/pp8npr>  
(link in chat)
- Do slides 1-3



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**STEM**  
REVOLUTION

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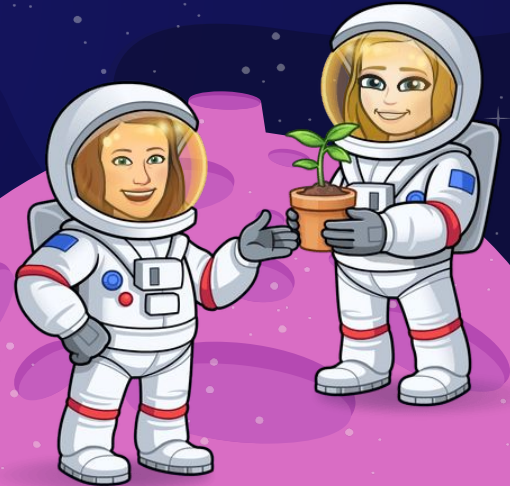


# JOURNEY THROUGH MARS ESCAPE ROOM ADVENTURE

The United States is colonizing Mars! We need to build an essential component on Mars with the help of Mission Control, engineers and astronauts. Can you help build the essential component by solving the clues?

- You will be splitting into 5 teams: Astronauts, CAPCOM, EVA, Engineers Team 1 and Engineers Team 2.
- Each team will have their own part in supporting the success of the mission. You will go to the Google Site where you will click on the picture to access the clues and then write the codes you find on your team's Google Form. You need to write the clues in only your own teams Google form.
- At one point of the escape room, you will be communicating with other groups through a Google Doc. When you get to this part of the escape room, you may only use this form as the communication tool and nothing else (i.e., no texting, emails, sending pictures, etc.) and you may not share the Google Doc with any other team. Astronauts will be building an essential component out of paper, post-it notes and tape.

**Criteria for Success:**  
Astronauts successful build the essential component device to survive Mars.



# Breakout Room Expectations



**Unmute Your Mics and put on your video:** This is a time to collaborate with your friends. Be respectful and make sure every group member gets a chance to share and be heard.

**Participation:** Be focused, pay attention, and be an active Participant.

**Be Respectful:** Be kind, listen to other's ideas, and help each other!

**Need Help?** Press the Ask help button in the breakout room



# Breakout Room Jobs



**Presenter** - This person will present the activity on their computer to the rest of the group.



**Time Keeper** - Keep everyone on task and keep track of time!



**Note Taker** - This person will write everything down to keep track of information such as the codes.

**Caller/Checker** - This person gets to call on other students for answers and any final check!



*...can we talk?*

**Chat Facilitator**- Guides the dialogue to make sure everyone has an equal chance at a task or to talk.



# LET'S BEGIN THE ESCAPE ROOM!!

You have been randomly selected to be in one of the 5 groups: Astronauts, EVA, CAPCOM, Engineering Team 1 or Engineering Team 2. When you see the pop up breakout window you will know what group you are in.

When in breakout room:

- 1.) Choose your breakout room job
- 2.) Start collaborating on the escape room, you have 40 minutes!



# DEBRIEF

What went well for your group in today's activity?  
What didn't?

EEP  
BOOP  
BEEP



# 5TH GRADE BASED TEN STANDARDS UNITS

Introduce the 5th Grade Base Ten Unit





# Q & A TIME

- What questions can we help address?
- Please take our survey:  
<https://student.desmos.com/join/bgw9kx>



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Thank you for joining us today.  
We hope to see you in the future!

# RESOURCES

**Escape Room Site:**

<https://sites.google.com/view/escapeseec/home>

[Escape Room Lesson Plan \(Virtual and In-person\)](#)