

JA STEM 360 Sample Script

System Startup: see page 4

Volunteer: press **[System Reset]** button on *Stream Deck*

Set up directions

Entering the Room: Greet the students as they walk in and ask them to take a spot at either screen (left-right, window-door). Make sure they are divided as evenly as possible between the two spaces. (This can be done when it comes time to play the challenge, too.)

“Welcome to JA STEM 360. We are happy you can join us today. Can anyone tell me what STEM stands for?”

(Give the students a minute to respond.)

“Today, we’re going to talk about how STEM is related to jobs in Trades. Even in jobs where you would least expect it. As part of that, we’re going to have a little competition with challenges for your team to complete. So, let’s look at what you’ll be doing today”

(Start the orientation video.)

Volunteer: In this setup, video only plays on right-side. Direct the students’ attention to that screen.

Press **[Intro Video]** button on right-side *Stream Deck*

(Video ends)

“Amazing right? How many jobs are involved in creating a single pizza? 15,000 jobs **More Statistics.**

But if you look at all the little steps along the supply chain, it adds up quickly. You will see many trades involved in getting a pizza delivered to your front door.

Supply Chain (pull-up banners)

“As part of your challenges today, there are 6 supply chain categories we’re going to focus on.”

“Let’s take a look together and see what they are.”

Can you think of Trade jobs within these six categories?

Volunteer: use the pull-up banners to highlight each of the 6 categories in the supply chain.

Ingredients: Farmers, harvesters, equipment operators/cheese makers, meat processors, line workers

Logistics: Truck drivers, logistics coordinators, inventory managers, supply chain managers

Marketing & Sales:

Restaurant: pizza maker, line cook, pasta cook

Kitchen: Store workers, cooks, production associates

Order & Delivery: Delivery drivers, dispatchers

“Now that you know what the supply chain categories are, it’s time to find out which piece of the pie you’ll be working with for your challenges.”

“Now I need all the members of the team to head to the touch screen on your side of the room. I want to add that these are **touch screens, so you only need to lightly touch them to give your input.**

Setting Up Challenge 1

“This challenge is a team challenge, and it will involve multiple choice questions. You’ll get points every time you answer a question correctly, but you’ll lose points for every wrong guess. Be sure to call out the answer and help your team. Everyone ready? Let’s begin.”

Volunteer: use tablet for random category generator (see setup details on page 4)

1. Have a student on one of the teams tap the wheel on tablet to begin spin.
2. Make a note of the category
3. Have a student on the other team tap the wheel on tablet to begin spin.
4. Make a note of the category.
5. Share tutorial on both screens.
 - a. *Ignore the 3-2-1-Go language at the end.*
6. For each team, tap the proper category button on *Stream Desk*
 - a. Category image will appear on their screen
7. Have a student from each group at each Stream Deck. Have them ready to start the challenge. After volunteer counts down, students press **[Start]**. (They each get 4 minutes regardless even if a little off.)
 - a. Countdown “3-2-1-Start”

End Challenge 1

(Recap team scores and congratulate the team with the most points. Encourage the other team by adding that they can catch up with the next challenge. Make a note of the scores to aggregate at the end of the game?)

Volunteer: press **[System Reset]** button on *Stream Deck*

Continue by saying,

“OK, we’re going to go again.”

(Same as Challenge 1. Re-spin for a new category for each team. If the team gets the same category, re-spin until they don’t.)

Start Challenge 2

(Recap team scores and congratulate the team with the most points. Encourage the other team by adding that they can catch up with the next challenge. Make a note of the scores to aggregate at the end of the game?)

End of Challenge 2

Aggregate the team scores and congratulate the winning team.

What Trade jobs did you see related to STEM?

Thank the students for visiting.

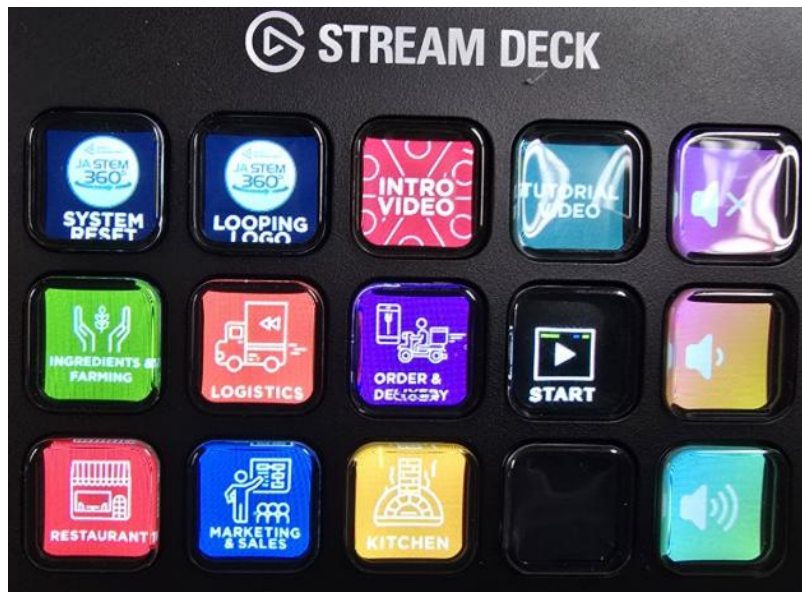
Reset for the next group: [System Reset]

Start of Day

1. Turn on Monitors

Does not have to be powered off at the end of the day. Should usually be on. If it is off...

2. Power-on Geekon computer
 - a. Stream Deck will power on with computer
 - b. It takes a few minutes for it to be ready. If you push a Stream Deck button and get a “ping” noise, it’s not ready.



Tablet

1. Chrome: Wheelofnames.com
2. Hamburger menu > [Open]
3. [Open local file] > On my iPad > Chrome > Stem360.json