

“Eenie MEANie Miney MODE” Survey Activity

Activity Description:

Let's be creative! Have you ever wondered if something you or your friends do affects the outcome of something seemingly unrelated? Well now is your chance to find out! You will create a survey and share it with others to complete. Once you receive (a minimum of) 10 responses, make sure you graph your results. ***You may write this in your STEM journal or download this document to fill in separately.***

Instructions:

- 1) Choose two actions that you believe could have a relationship (one action possibly affects the other)
- 2) Create survey questions.
- 3) Share your survey with friends, family, and in the Facebook group, or email to thstem@uh.edu if you would like.
- 4) Graph the results in your STEM journal.
- 5) Analyze the data for an answer to your question. (**Note: Correlation does not equal causation**)
- 6) Share your results and what you learned on our Facebook Group or email to thstem@uh.edu.
- 7) Be sure to keep all of your research study in your STEM journal.

Sample Scenario:

If you are a gamer, you can determine if the hours spent playing Fortnite every day increases the amount of wins you get. Create a survey and send it out to your gamer friends to be able to get enough data. The survey should include a question which asks how many hours they spend playing Fortnite a day and the second question should be how many wins do they currently have.

Other examples of correlations include (but are not limited to):

- Age and hearing “Laurel” or “Yanny”
- Dress color challenge and eyewear prescription
- Favorite color and birthday
- Height and shoe size
- Hand size and shoe size
- Left/right-handedness and artistic ability

Your Inquiry (what do you want to research?):

Survey Questions:

Table and graph results:

Answer to your question based on your results (back it up with evidence!):