

Math LC – Relay Game!

Big Question:

Can a competitive edge help students with content understanding and effort?

Set the Stage:

This activity gives a “visual” representation of progress in certain math concepts. There are three “rounds” that focus on different concepts that are in the math section of the ACT.

Resources:

Use practice problems from ACT website or practice exams. Example problems are given but more problems, and answers, are readily available online.

Activity:

Procedure:

- Put tape on ground to make evenly-spaced lines (1 point each line)
- Give all students the same question at the same time, with one minute to complete
- Students who complete question correctly can move forward one spot, students who complete incorrectly move back one spot. If not done in the time limit, the answer counts as wrong.
- Students cannot be “negative”, so if on the first line they do not need to move backwards if they get an incorrect answer.
- In each round of 4 questions, if a student gets all 4 correct they are eligible for a bonus. The bonus question is worth 2 points (or 2 lines forward), with no penalty if answered incorrectly.
- First to the “finish line” is the winner

Reflection

Students can discuss activity and if they benefited in anyway.



Materials:

In person:

- Clipboards for each student
- Tape/string for “lines”
- Pens/pencils
- Paper
- Practice questions
- A timer

Virtual

- Wifi/computers
- Paper/pens
- Access to Mural template