

Flip into Active Learning

Julie Gunkelman

Oakland Community College

Orchard Ridge Campus

Hey, students!

Go to student.desmos.com
and type in:

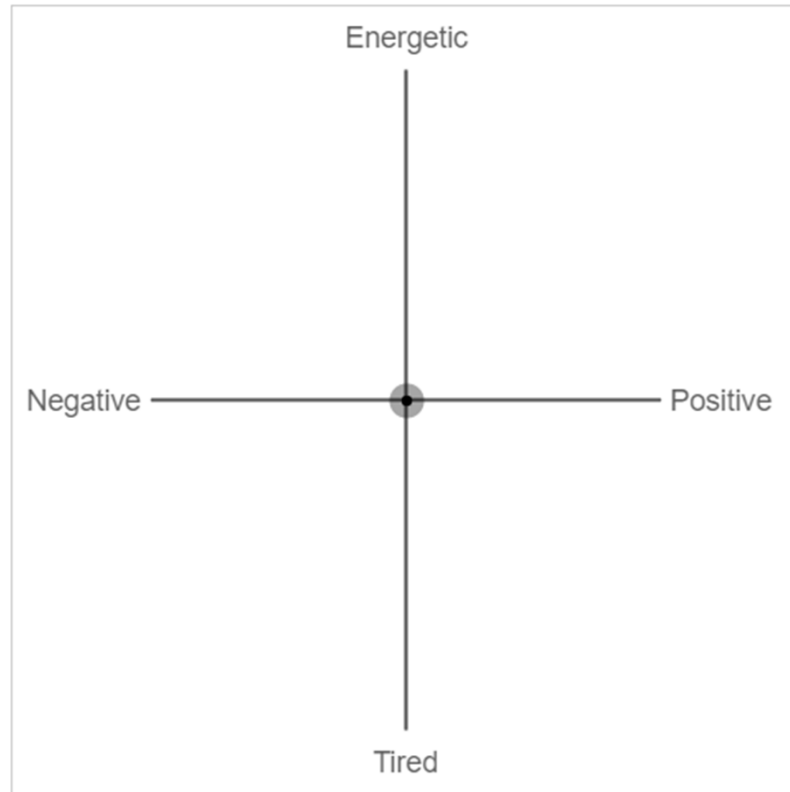
RC5 3JE

You can also share this link with your students:

<https://student.desmos.com/join/rc53je>


Copy

Where are you at today?



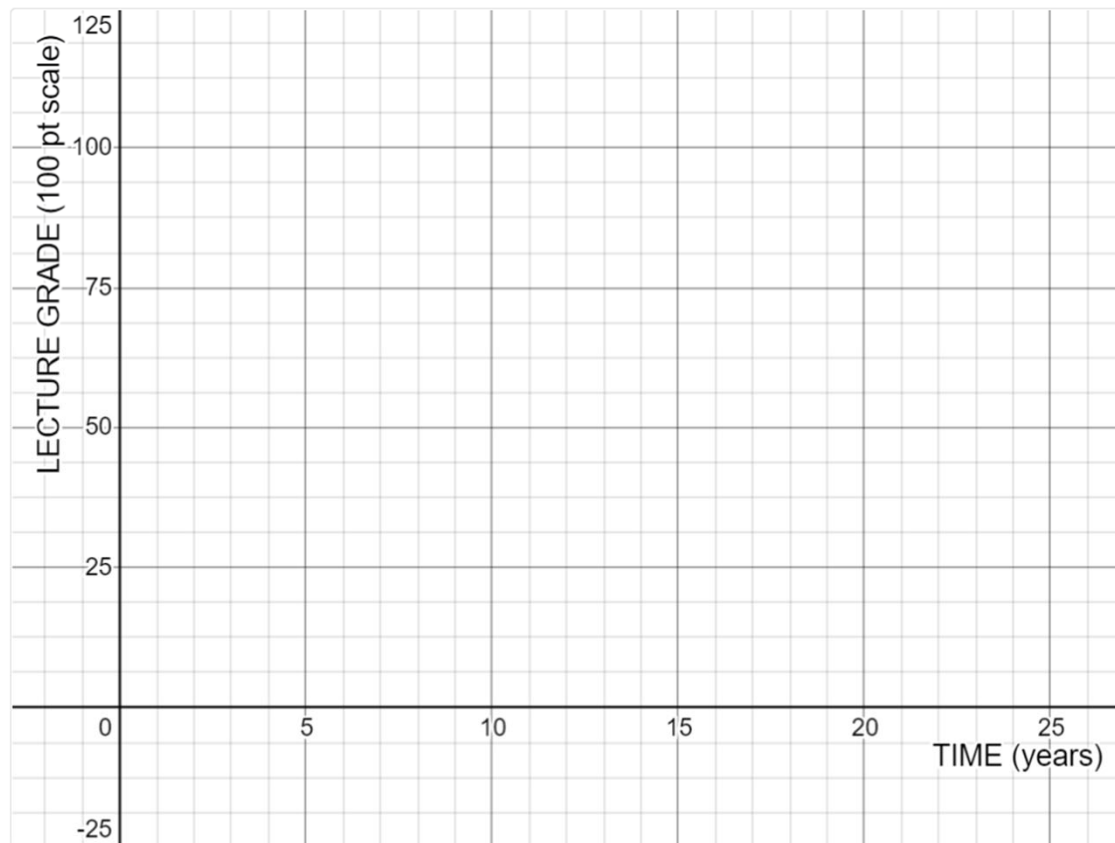
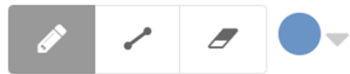
Drag the point to show how you're feeling today.

If you'd like, say more about your response below.


☐ 

Share with Class

Sketch a graph of your ability to lecture over time



How did you become better at lecturing?

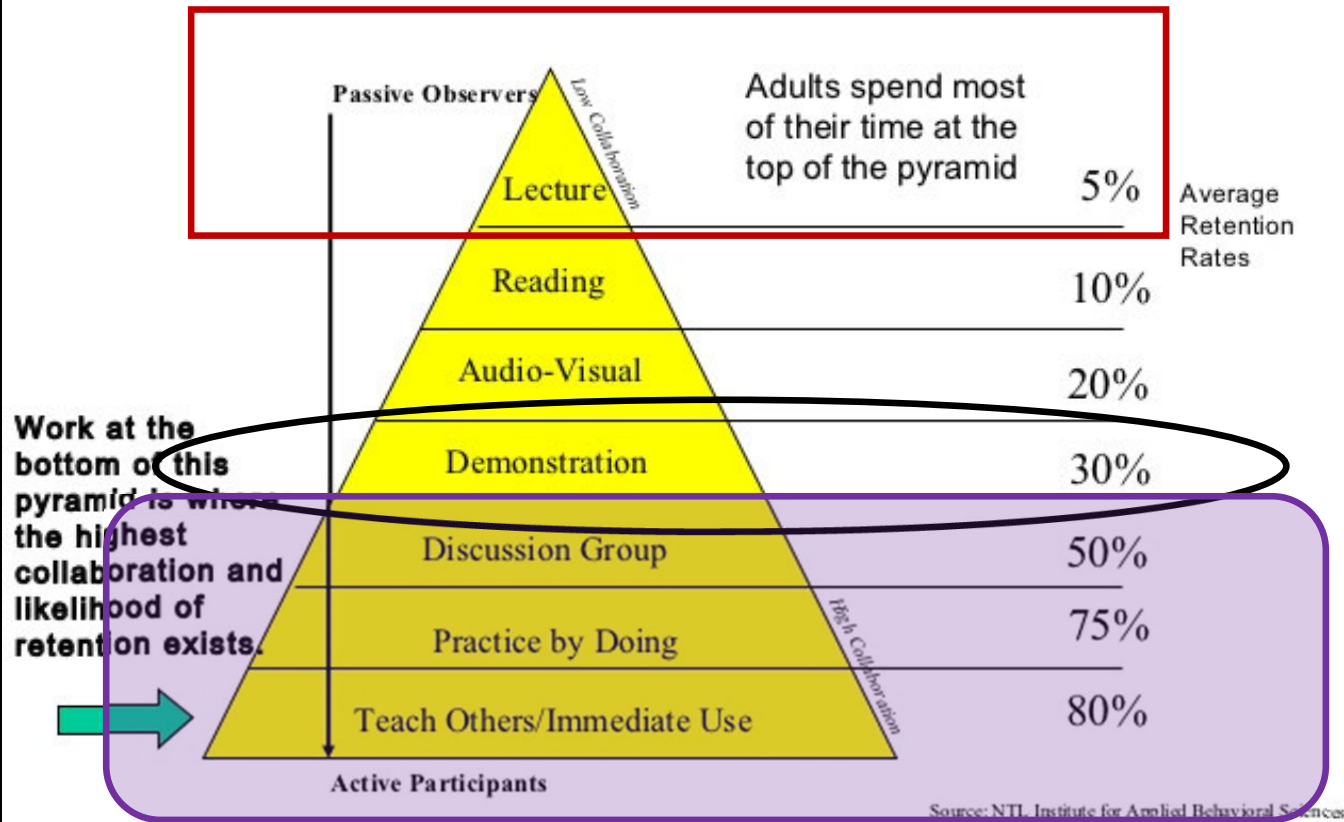
 [Share with Class](#)

How much did you
LEARN your first year
in the classroom?

The one doing the work
is doing the learning.

~ Kristen Swanson

Learning Pyramid



Why flip?

- Opportunity for Student Collaboration/Discussion
- Present for “Tough Spots”
- Provide an opportunity for students to teach others

Put the activities in order from first to last used to "complete" a lesson.

FIRST

≡ Review, practice and reflect in groups/class

≡ Individual practice

≡ Complete an assignment that contains a few introductory problems

≡ Take notes or work through a scaffolded lesson

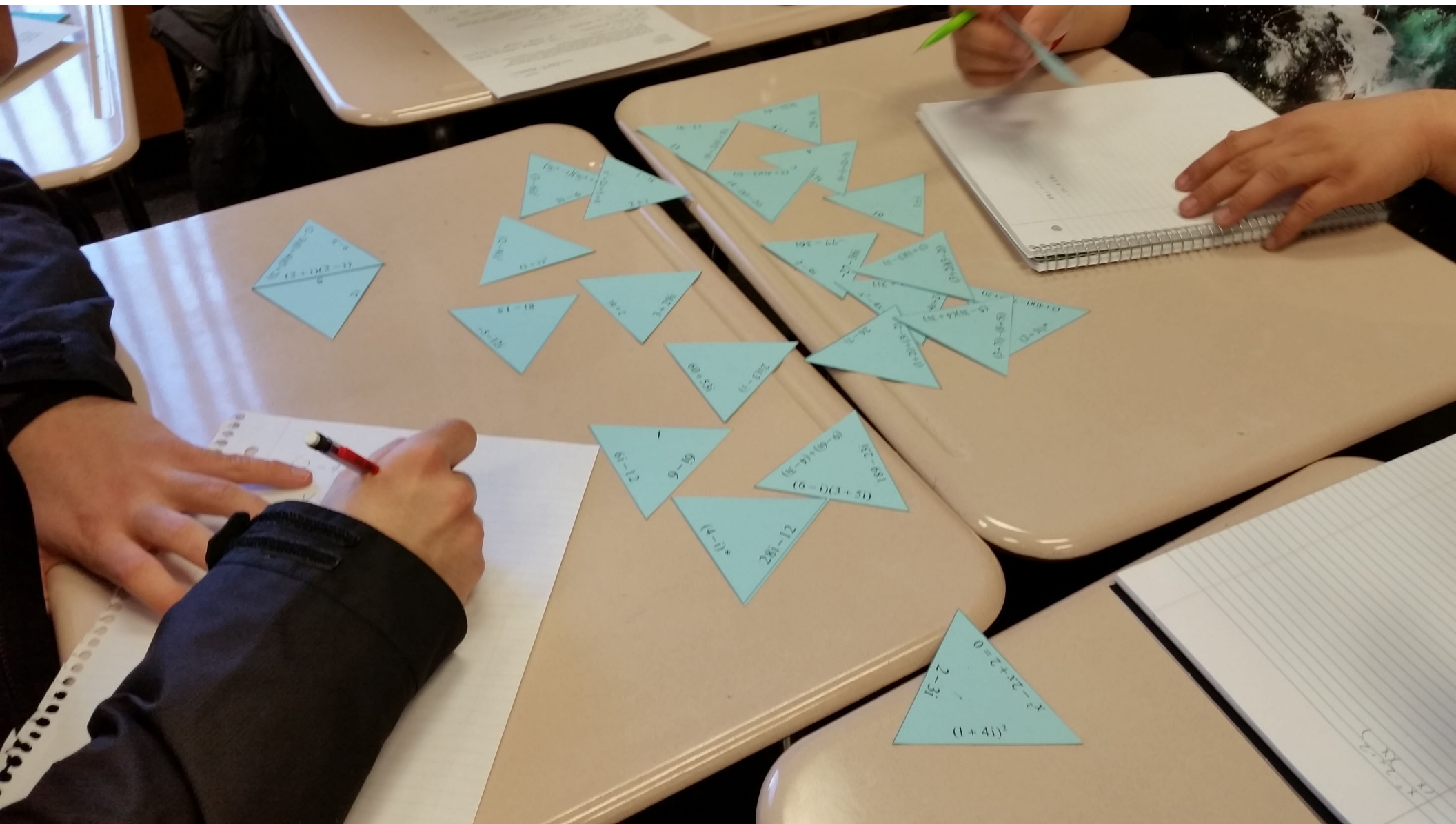
≡ Student self assessment

LAST

Circle the letter of the statement that best describes your self-assessment of the lesson and the problems on this page.

- a) I know how to do these problems very well; I could explain them to someone else.
- b) I know how to do these problems fairly well; I need practice to reinforce the concepts.
- c) I am still learning to do these problems; I need to use the notes/book to get started.
- d) I don't know how to do these problems yet; I am not sure how to get started.





$$\frac{5x^2 - 12x + 8}{(x-1)(x-2)}$$

$$\frac{12x^2 - 13x + 3}{(x-1)(x-2)}$$

$$\frac{3x^2 - 5x + 2}{(x-1)(x-2)}$$

$$\frac{6x^2 - 5x + 1}{(x-1)(x-2)}$$

$$\frac{9x^2 - 12x + 4}{(x-1)(x-2)}$$

$$\frac{(4-x)^2}{(x-1)(x-2)}$$

$$\frac{(6-x)(3+5x)}{(x-1)(x-2)}$$

$$\frac{(1+4x)^2}{x^2 - 2x + 2} = 0$$

$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

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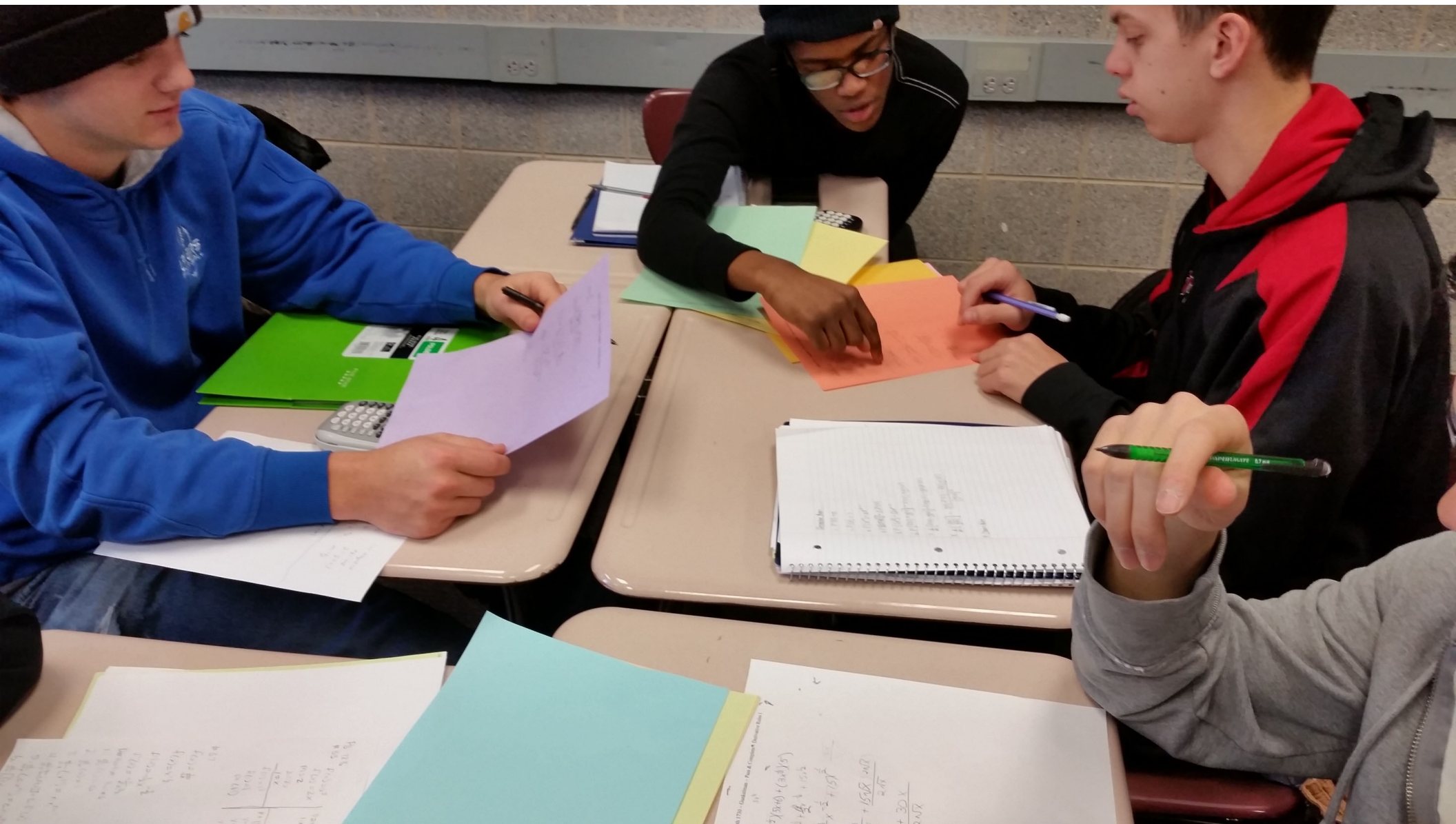
$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

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$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$

$$\frac{(x-1)(x-2)}{(x-1)(x-2)}$$









How do you get students
to work with each other?

What things do you do on the first day of class?

(Select all that apply.)

- ☒ Help students meet each other.
- ☒ Go around the classroom and meet your students.
- ☐ Read the syllabus.
- ☒ Give students a reason to work together.
- ☐ Math
- ☐ Other - enter your response below.

What if students don't
take notes or complete
the prep work?

- Don't reteach the material from the video lesson
- Ask questions
- Listen
- Peer pressure



Final Thoughts

- Focus on learning opportunities not videos
- Courage
- Support system

bit.ly/gunkflipgroup
bit.ly/beyondtheworksheet

Julie Gunkelman
jagunkel@oaklandcc.edu