

# Flip into Active Learning

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# Hey, students!

Go to [student.desmos.com](https://student.desmos.com)  
and type in:

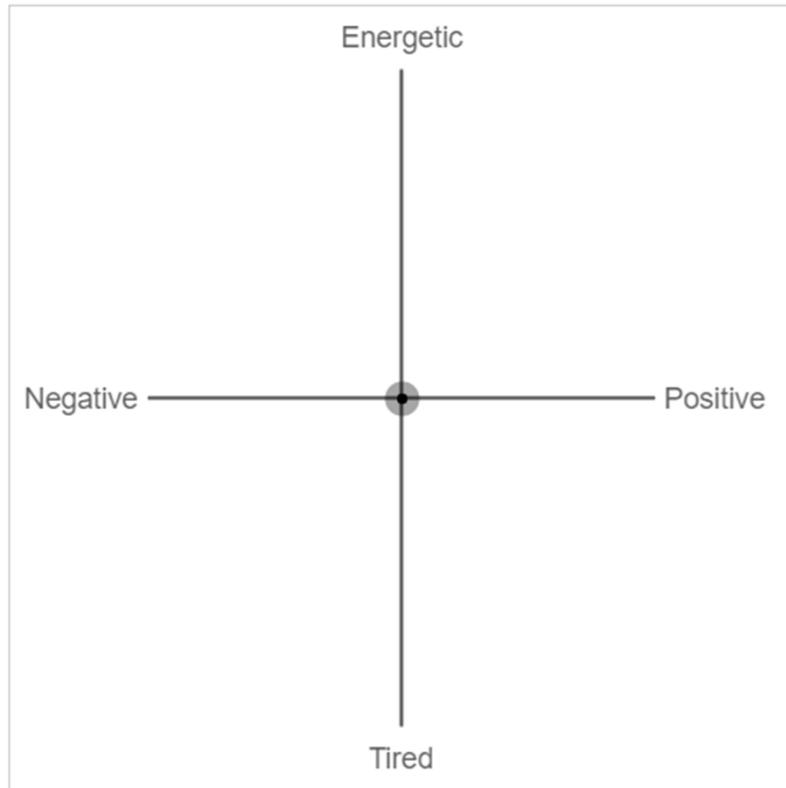
**RC5 3JE**

You can also share this link with your students:

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

Copy

## Where are you at today?

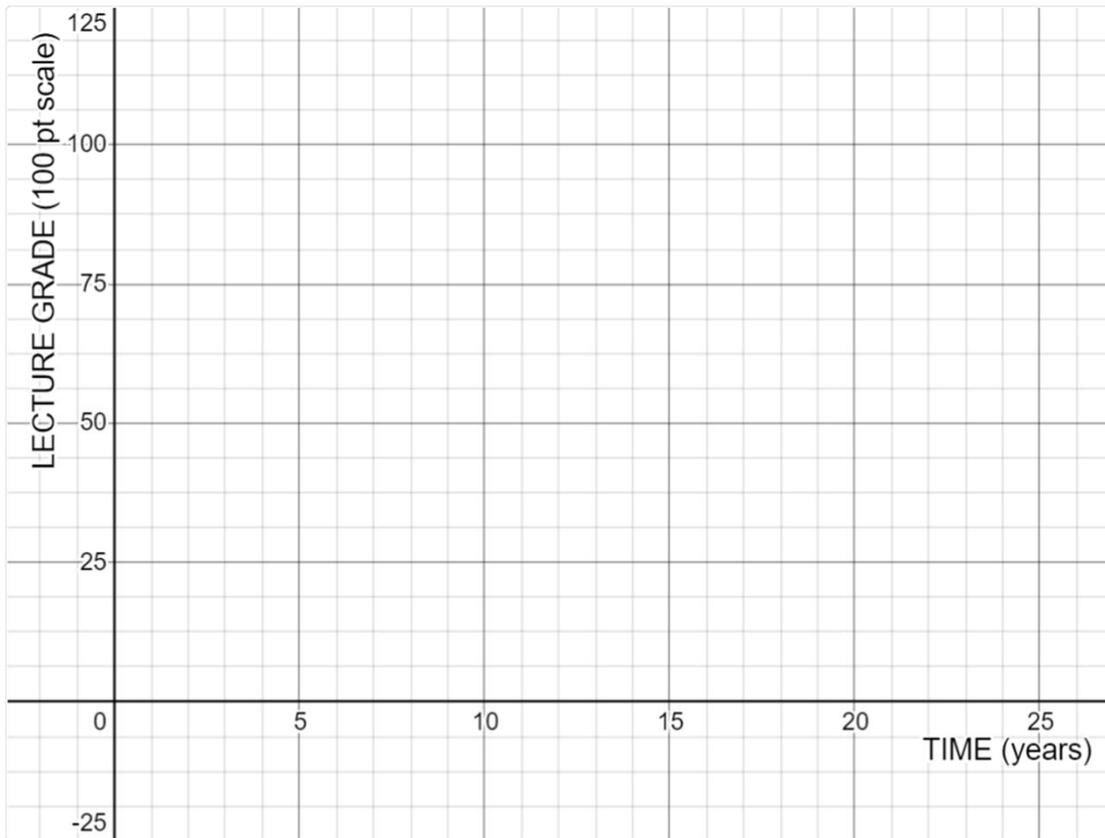


Drag the point to show how you're feeling today.

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?

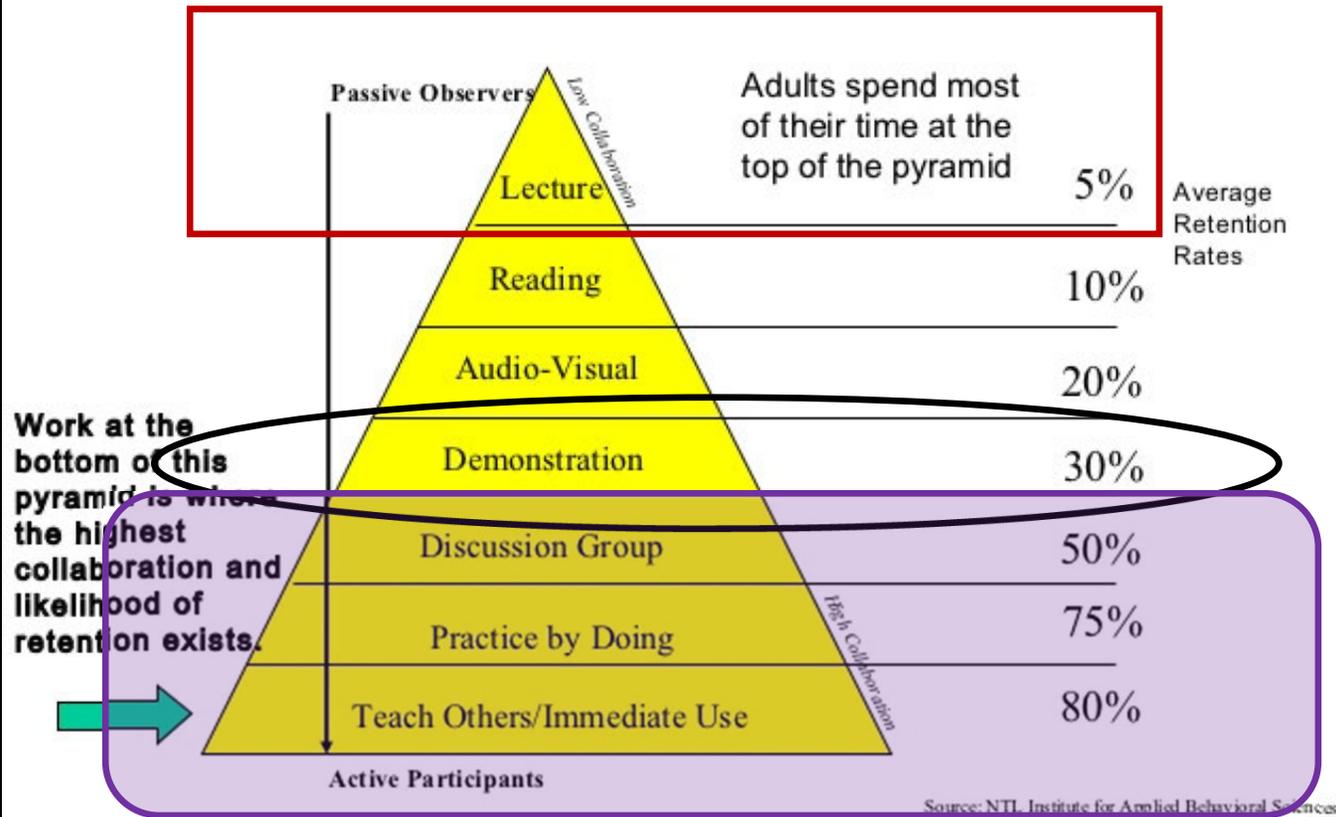
  
 [Share with Class](#)

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

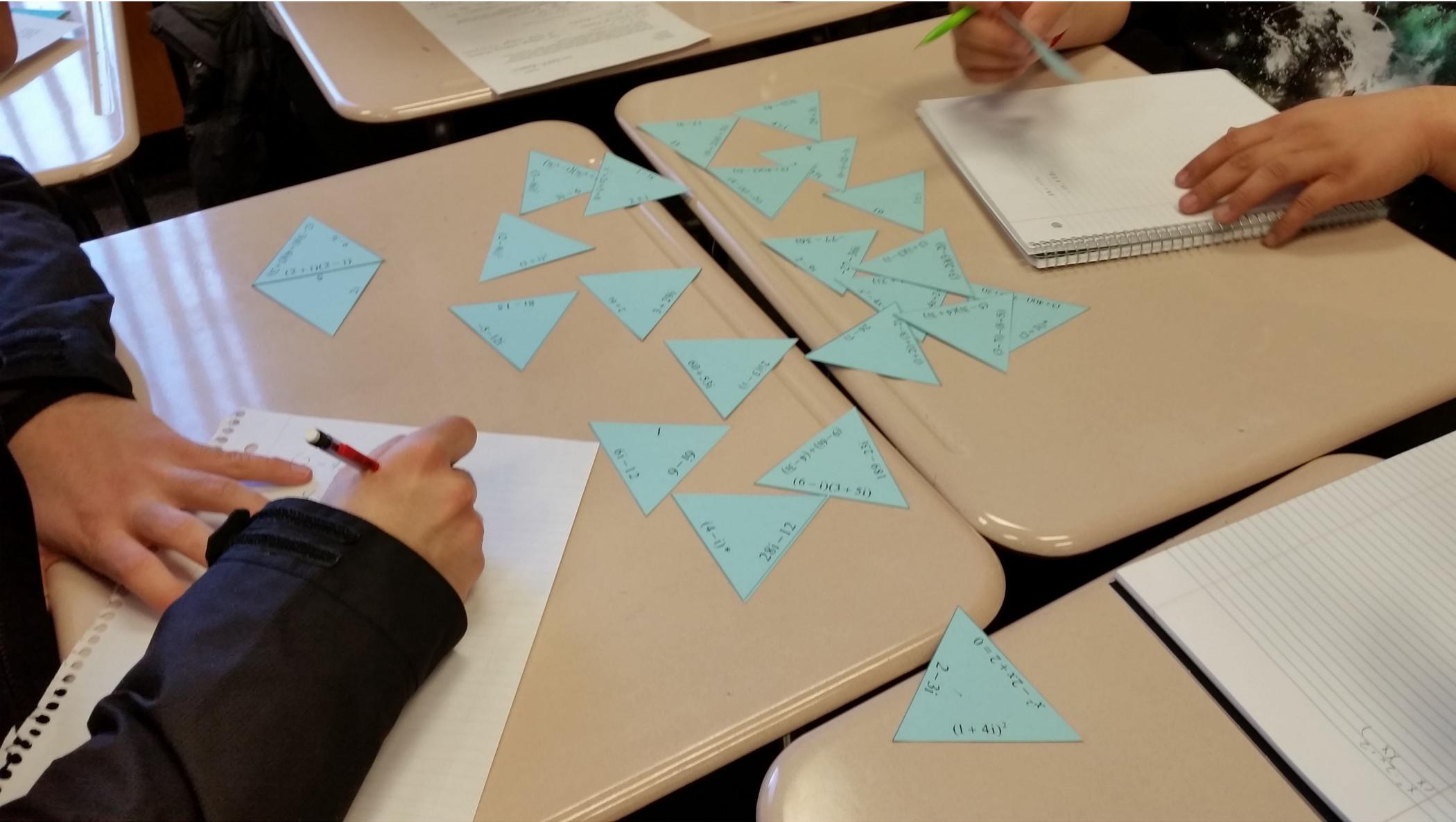
☰ Student self assessment

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.





$$\begin{matrix} 2x^2 - 3x + 1 \\ \hline (x-1)(2x+1) \end{matrix}$$

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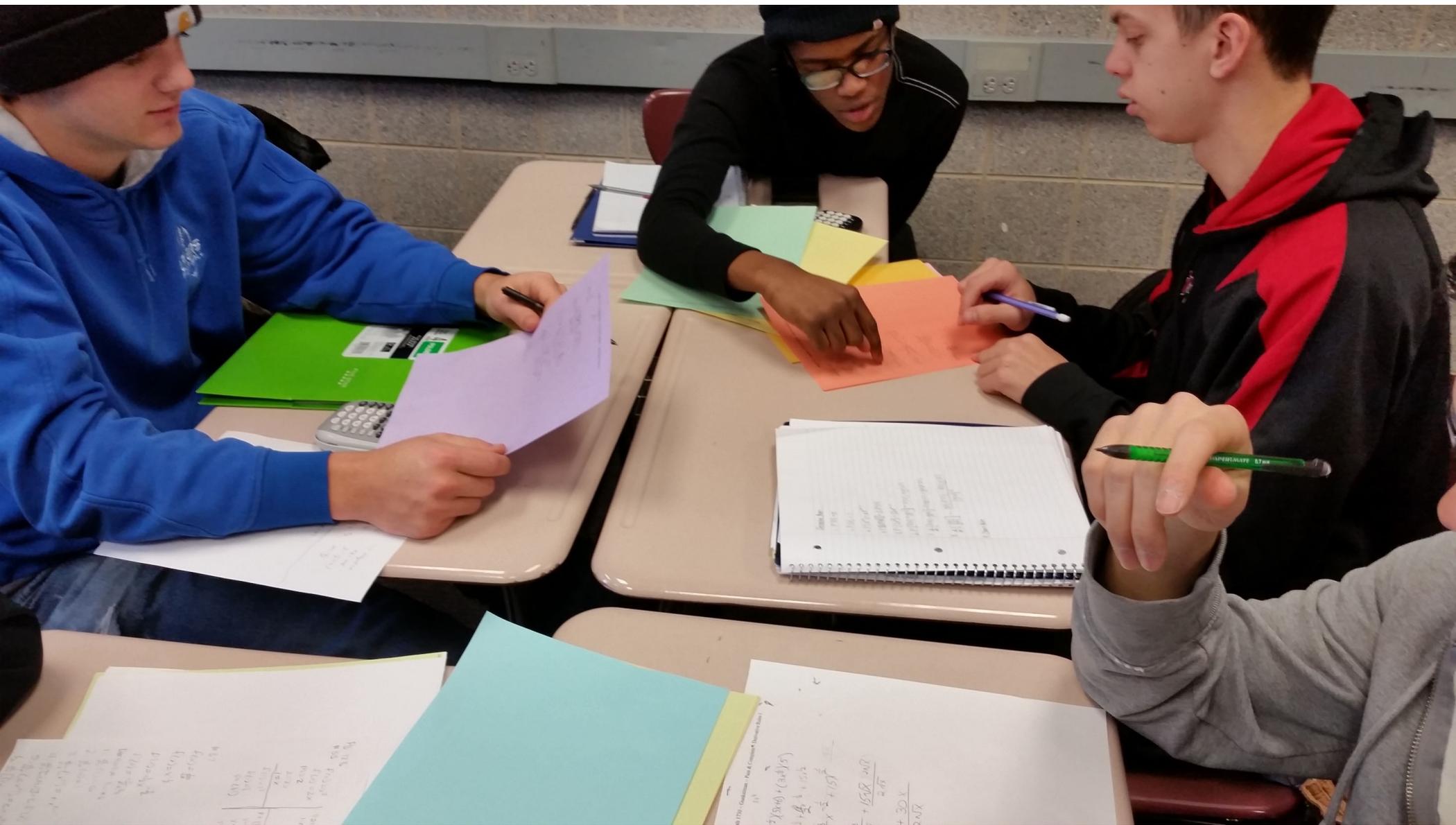
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Handwritten notes on a piece of paper, including a table with columns labeled 'Date', 'Time', 'Temp', and 'Humidity'. The text is partially obscured by other papers.

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Handwritten mathematical work on a piece of paper, including the equation  $2(3x+4)(x+5)$  and other algebraic expressions.

Handwritten notes in a spiral notebook, including the text 'Date: \_\_\_\_\_' and 'Time: \_\_\_\_\_'.







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](http://bit.ly/gunkflipgroup)  
[bit.ly/beyondtheworksheet](http://bit.ly/beyondtheworksheet)

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