



Classwork Can Be Fun

Review Games for Intro to
Algebra 2 at Brookline HS

+ Why review games?

- Needed to review for midyears
- Wanted to do something different in class

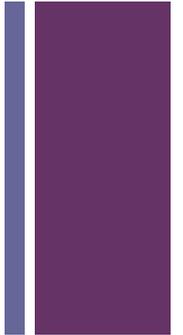
So I made a Bingo game and...

- Kids played along!
- My mentor teacher was enamored!

+ Why review games?

- I realized that the other teachers didn't have the patience to make games
- Students found it refreshing:
 - Not plain-old classwork
 - Power point is interesting

+ How did the games work?

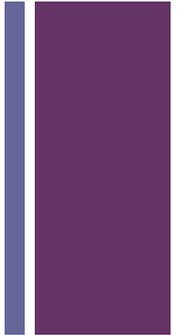


- Class of disengaged students
 - Grab their attention
 - Motivation of scoring points or winning
- Clever way to present material
 - Doesn't feel repetitive
 - Technology is neat and pretty

+ How do games help the teacher?

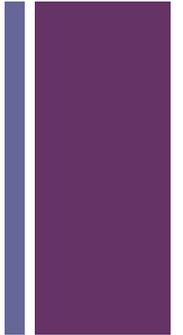
- Give insight into children's understanding
- Have fewer language barriers
- Make required learning more engaging

+ How do games help the students?



- Alleviate math anxiety by making students active
- Give students choices in the activity
- Lower stress
- Encourage teamwork
- Disguise work as play

+ What games did I write up?

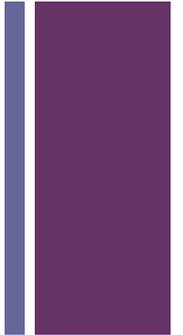


- Bingo
- Baseball
- Jeopardy
- Football
- Basketball
- Followed examples from Dan Meyer

+ What's the benefit to my class?

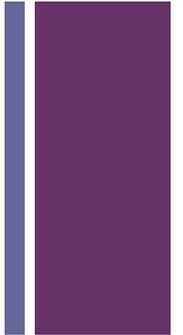
- Teacher has frameworks to play games in class
- Teacher has some fully developed games
- Fully developed games target the most troublesome topics
- Teacher saves her own time
- Games are hosted online, so I am not necessary

+ Let's play!



- Baseball
- Teams of 3
- 4 sheets of paper per team
- Solving systems of linear equations
- Note: when asked for a method:
 - Substitution
 - Graphing
 - Linear combination

+ Works Cited



- Bergen, Doris. “Education or Edu-tainment?”
- Clark, Faye B. and Ann Dominick. “Using Games to Understand Children’s Understanding.”
- Curtain-Phillips, Marilyn. “The Causes and Prevention of Math Anxiety,” Marilyn Curtain-Phillips
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