PLAY IS THE FOUNDATION OF LEARNING

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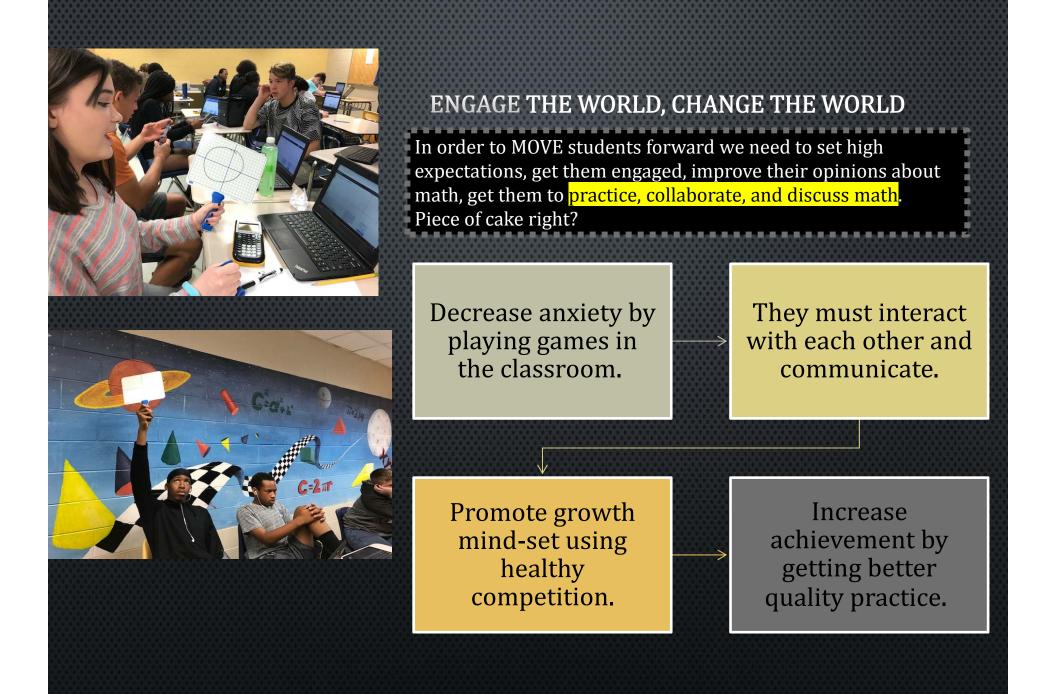
IN EVERY JOB THAT MUST BE DONE THERE IS AN ELEMENT OF FUN....

MARY POPPINS TEACHES US THAT ANY JOB OR TASK, AS UNPLEASANT AS IT SEEMS, CAN BE TRANSFORMED INTO A GAME WITH THE RIGHT MINDSET. CORWIN – Global Research Database

http://www.visiblelearningmetax.com/

Visible Learning

Influence	Domain	Impact on Student Achievement	Effect Size $(n \ge 0.4)$	
Teacher expectation	Teacher	Potential to accelerate	0.43	8
Teacher-student relationships	Teacher	Potential to accelerate	0.48	5
Small group learning	Classroom	Potential to accelerate	0.47	6
Deliberate practice	Student Learning Strategies	Potential to considerably accelerate	0.79	2
Classroom discussion	Teaching Strategies	Potential to considerably accelerate	0.82	1
Space vs. Mass practice	Learning Strategy	Potential to accelerate	0.65	3
Concentration-Persistence - Engagement	Student	Potential to accelerate	0.54	4
Attitude towards content domains	Student	Potential to accelerate	0.46	7

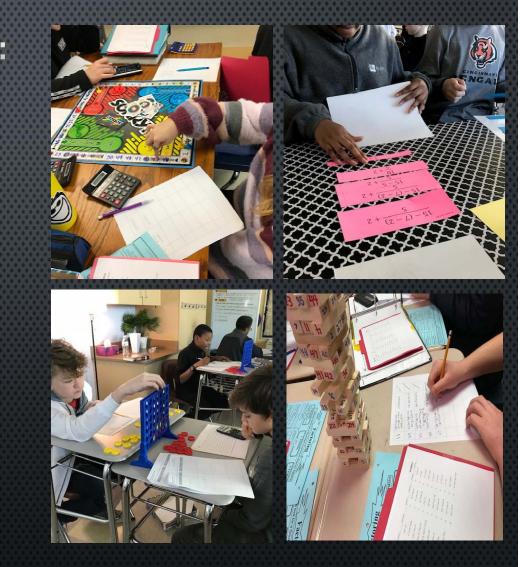


How do we use "play" to engage our students in math?

LEARNING INTENTIONS:

- 🔹 T.V. Show games
- **Boardgames**
- Vocabulary Review
- **Desmos**

Success criteria: I can turn any worksheet into an interactive game!





TRASHKETBAL EACH TEAM MEMBER GETS A SHEET OF PAPER WITH A LETTER ON IT? T, R, A, S, H

When the problem is revealed and members in all groups work the problem out on their paper. They must show their work and they are expected to help each other.

THE TEACHER CALLS ONE LEVER PARDOMLY AND THE GROUP MEMBER WITH THAT LETTER WILL COMPUTE WITH THEIR SHEET AND SHOW THE TEACHER THEIR ANSWER

IF THEY GET THE QUESTION CORRECT THEY GET ONE POINT FOR THEIR TEAM.

THEY THEN GET TO SHOOT A BASKET WITH A BALL OF TRASH TO EARN TWO OR THREE MORE POINT FOR THEIR TEAM.

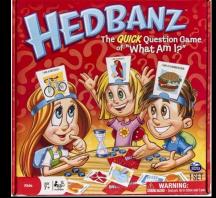
THE TEAM WITH THE MOST POINTS AT THE END WINS, AND THE TEACHER COLLECTS ALL STUDENT WORK.











BOARD GAMES

JENGA
SORRY
CONNECT 4

HOW DOES IT WORK?

FILE FOLDERS – PROBLEMS
 ON THE OUTSIDE AND
 ANSWERS ON THE INSIDE

O WHITEBOARDS (OPTIONAL) OR PAPER FOR WORK

O TURN TAKING, PARTNER CHECKS YOUR WORK

O CORRECT ANSWERS ALLOW YOU TO PROGRESS THROUGH THE GAME

O INCORRECT ANSWER MEANS YOU LOSE A TURN

VOCABULARY GAMES



Quizlet Live - play

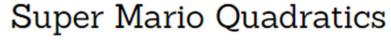
HeadBandz game with VDOE word wall cards



DESMOS ACTIVITY - RETRO GAMES

- <u>RETRO DESMOS GAME COLLECTION</u>
- GO TO <u>HTTPS://STUDENT.DESMOS.COM</u> TO PLAY







Mobile Tablet



IT IS IMPORTANT TO PLAN YOUR GROUPS WELL!

When making groups its important that you take relationships and personalities into account.

Consider levels of readiness when creating groups and partners to avoid frustration.

Use group routines to set the tone such as clock buddies.

If playing a whole class game, do your best to level the playing field for the groups.

SMALL GROUP

Allows teachers to work with students in a small group setting to focus on areas of need.

Teachers can use task analysis to identify areas of weakness.

Can build strong teacher-student relationships. Students know you care. Specific, real time feedback for students and accurate data for teachers.

DO'S AND DON'TS

Do

- SET CLASSROOM NORMS
- TEACH STUDENTS HOW TO WORK TOGETHER
- ENCOURAGE STUDENTS TO SUPPORT ONE ANOTHER
- PLAN YOUR GROUPS VERY CAREFULLY
- HAVE THE SAME EXPECTATIONS FOR ALL STUDENTS

Don't

- EXPECT STUDENTS TO KNOW HOW TO DO THIS
- PULL THE SAME STUDENTS TO THE TEACHER GROUP EVERY TIME
- Yell over top of the noise
- JUMP INTO SGI ALL AT ONCE
- EXPECT THINGS TO GO SMOOTHLY EVERY TIME



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