GMM Dry Erase Boards Lesson Plan getMoremath!

Goal:

Motivate students to earn points and improve proficiency with dry erase boards.

Materials:

- Class set of dry erase boards
- Dry erase markers
- Dry erase erasers (socks are a great affordable alternative)

Option 1 (Partner share):

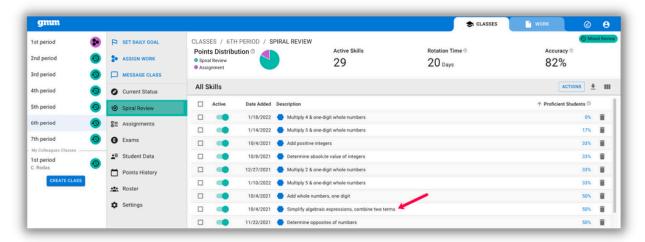
- 1. Partner students of similar abilities while they work in GMM.
- 2. Each student will need their own dry erase board and marker.
- 3. Students will work a problem on their dry erase board.
- 4. When both students complete a problem, they will show their work to their partner before submitting the answer into GMM.
- 5. This will allow students to discuss their steps and share ideas.

Option 2 (Math Clash):

- 1. Group your students based on similar abilities.
- 2. Create several fake students in your class based on the number of groups you need.
- 3. Give every student a dry erase board, dry erase marker, and eraser.
- 4. Choose one student to be the leader. The leader is in charge of keeping the group on track. The leader can rotate every couple of rounds if needed.
- 5. Have one student device per group logged into GMM. Have each group log into a fake account.
- 6. Students will go to Spiral Review and work together to answer questions.
- 7. Once students have completed the problem independently, have them flip their board upside down to cover their answer.
- 8. When everyone is ready the leader says "Math Clash!" and everyone flips their boards over. Then, students discuss answers and their thought processes.
- 9. Once the group has decided on an answer, the leader enters the answer in GMM.
- 10. Challenge groups to answer as many questions as possible.
- If you need to differentiate more between groups, create a separate class for different groups to provide more scaffolded questions or more enrichment questions.

Option 3: (Small group instruction):

- 1. Use Spiral Review data to create small groups.
 - a. Select the desired class, and click on Spiral Review.
 - b.Organize skills using Proficiency by clicking on the arrow next to the Proficiency column.
 - c. Select skill you would like to focus on for small group instruction.



- 2. After selecting the skill, a detailed report of student proficiency will appear.
- 3.Click on Proficiency to see where specific students are.
- 4.The students that are untried, red, and yellow are not proficient yet. These are the students you will pull for your small group.
- 5.Provide each student in your small group with a dry erase board, dry erase marker, and eraser.
- 6.Now, do some examples with students! Next to Proficiency, click on Problem.

 Cycle through several iterations for this type of problem by clicking on the green circle arrow.
- 7.Complete some examples with your students, and then allow the students to work together on a few sample problems. Lastly, allow them to work them independently on their dry erase board.
- 8.Once students are comfortable, confident, and ready, let them rejoin the rest of class and work in Spiral Review.
- 9. Now, you are ready to pull your next small group!

