

Intervention Planning Sheet

For this project I will be focusing on groupwork. My motivation behind this is seeing groupwork fail so often in my classroom due to what I had perceived as a lack of sharing and behavioral issues. I want to try using group roles and group norms to support math discussions and math groupwork. Currently when students engage in groupwork it sounds like a lot of arguing, students getting upset and pouting, and looks like one or two dominant students doing all the work. I know there has to be a better way for groupwork to work. My idea for this intervention came from my book club reading, Smarter Together, Collaboration and Equity in the Elementary Math Classroom, The book gave me ideas as to how to address the problems I am facing by using group norms and roles, raising student status, and using group worthy tasks. Discussing these options with my book club members, I believe this is a wise plan moving forward with group activities.

Moving forward, my plan of action first constitutes gathering baseline data on each student's participation quality and rate. I will have students engage in groupwork and I will take notes on behaviors such as language, positive or negative, controlling or leading the group, sitting back or being pushed out of groupwork, and asking 'group' questions. After I've gathered this data on my twenty students, I will introduce group roles and norms. This introduction will consist of whole group lesson on what it means to work with others in a cohesive way. I will show group role cards and model how and why we use them. Students will then practice being each role in a groupwork activity of finding commonalities with each other. This will most likely sound loud and full of questions in the beginning until students get used to the new norms and roles. In order to be ready for this practice, I will need to have twenty group role cards ready for students to utilize. The cards will have sentence starters and reminders of the roles responsibilities.

After students have had experience with role cards and norms, I will give students a group worthy task. Students will be reminded that the whole point of groupwork is to complete a task that can't be completed by oneself. Prior to starting the task, the class and I will come up with multiple abilities that are needed for this task to be completed successfully. By pulling on multiple abilities students will see the importance of others contributions and ideas. Sending students out to complete task will look like eager and maybe some confused students gathered together around the room. I will rotate around groups listening in and taking note on how the group is using the roles and norms. I will remind students I will only answer group questions. After the tasks have been completed, the reporter will share the groups findings. I will ask students how they felt groupwork went today.

To gather data, I will take note on each students participation quality and rate during the group worthy task to determine if participate changed. I will cross reference the baseline data with the new to see if changes did occur. I would hope to see more students participating and with higher quality, meaning less domination by some students and less exclusion of others.

The introduction of the intervention will begin on November 4th, 2019. I will prepare for the next two weeks on the intervention. Baseline data will be collected on October 25th, 2019. The week on October 28th will be a preparation week for me solely due to school spirit week and Halloween possibly hampering results of intervention. On the 4th students will be introduced to group roles, norms, and will practice using them. On the 7th students will engage in their first group worthy task with group roles. The following week students will engage in another group worthy task. I will compare my results from the three interactions in group work.

Data Collection Tool

Pre Introduction

Student Name	Tally of participation amount	Type of participation

Post Introduction

Student Name	Tally of participation amount	Type of participation	Group role