

University of Mary Division of Education

Miss Jordon Hahn

Math Pumpkin Seed Counting Lesson

Grade: 1

Subject: Math

Materials Needed: seven pumpkins, spoons, bowls, news paper, plastic bags

Standard: 1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

Objective: Students can estimate, count and compare the amount of pumpkin seeds that are in each pumpkin.

Learning Activities:

- Teacher will read “How Many Seeds in a Pumpkin?” Margaret McNamara
- Students will break up into groups of three (each group gets a pumpkin)
- Student will work as a group to come up with an estimation of how many seeds are in their pumpkin
- Students will empty pumpkins, putting their seeds in a bowl
- Each group will count their seeds
- Students will compare their estimation to the actual amount
- As a class we will discuss every ones amount of seeds, who had the most who had the least

Assessment:

Students will be assessed through observation

Students will be assessed on their group participation in large group and small group time

Reflection: This was a very fun lesson. I thought the children enjoyed the book and getting messy with the pumpkins. I think I could have had a visual to show the directions for cleaning out the pumpkins and separating the seeds. It took the students longer than I expected to take out all of the seeds and they were hard to count because they were so slippery. Next time I would also make this into a two or three day lesson. On day one I would introduce different counting techniques such as count by ones, twos, tens, etc. and then read the books and make the connections with the character’s counting in the story to how we have learned to count. On day two I would have them open, clean out their pumpkin and

separate the seeds to dry overnight. On the third day of the lesson I would have them count the seeds and compare to their estimation.