

Title I Family Night - "LEGO Math"

Tuesday, January 24, 2017 @ 6:00P.M. - 7:30P.M.

Graysville Elementary

Minutes

Tonight we had our LEGO Math Title I family night. We had 80 parents sign in, so roughly about 200 or so people in attendance. At 6:00P.M., families entered through the front door and signed in by either scanning the QR code that was available or signing in on the sign in sheet provided. After they signed in they received their color-coded agenda that had a list of the activities and which rooms they were located in. They also received a handout that explained the Georgia standards for math. Families participated in four different math activities during the evening. They were divided into three color "teams" and were spread out between our kindergarten, second, and fourth grade classrooms.

The first activity was called LEGO Task Cards. The teacher gave each family a set of task cards that included 20 different tasks to complete. Some of the task were to make a pattern with LEGOS, build a triangle that is the same length on two sides, make something that is symmetrical, write your name with LEGOS, build LEGO towers counting by 5's, and fill in the rectangle without going over the edges. At the end of this activity the kids would receive a colored piece of construction paper and the body of their LEGO man they would put together throughout the night. They glued the body onto the construction paper and then moved on to their next activity.

The second activity was called Build a LEGO Catapult. In this activity families had to build a catapult out of LEGOs by looking at the picture provided. Then they got to launch various items from the catapult and measure the distance they flew. They recorded their results on a chart that was given to them. At the end of this activity the kids received the next piece of their LEGO man and glued it to their construction paper before moving on to the next activity.

The third activity was called Build a LEGO Maze. In this activity families got to create their own version of a LEGO maze and then see if they could get their marble to successfully go through the maze. They also had to write down how many LEGOs they used to build their maze, how many different ways they could rearrange the maze, what the perimeter of their maze was, and how many tries it took for them to get their marble

through their maze. When they finished this activity, they glued the next piece of their LEGO man to their construction paper and moved on to the last activity.

The fourth activity was called Build a Classroom Model. Families got to build a model of their classroom however they wanted. Some of the families really put in a lot of detail with desks, couches, students, windows, doors, and even a Christmas tree! After they build the model they had to answer some questions. They had to tell how many LEGOs they used in their model, and if they used half that number how many LEGOs would they have used. They had to calculate the total area of their model. And they had to tell how many LEGOs they would have used if they wanted to build their model three times bigger. On the back of the instruction sheet they could draw a picture of the model they built on the graph paper. When they finished this activity they received the last piece of their LEGO man and glued it to the construction paper. Then they headed to the Media Center.

In the Media Center the kids received a little baggy of LEGO candies and a handout that I created titled "Family Friendly LEGO Activities to do AT Home". Then they got to color and decorate their LEGO man. While the kids were coloring, the parents were given a booklet from the Parent Institute titled *What Parents Can Do at Home to Help Students With Math*. They also filled out an evaluation form by either scanning the QR code provided or filling out the paper copy. We received 48 evaluations on paper and 7 evaluations from the QR code. During this time in the Media Center, the parents were also able to gather information about Title I and ask questions if they had any. Several families took some of the information from the Title I table, which was good.

Overall, the night was a great success. The families all had positive things to say about the activities and the organization of the event. It was very neat to see how many of the dads were truly engaged and enjoying the activities with their children. At 7:30P.M., Mrs. Johnson made the announcement that the night was coming to a close. Everyone finished up in the Media Center and headed home with their hands full of LEGO Math Night stuff 😊.