# ACADEMIC SPOTLIGHT

## *Multiplication Strategies: Third Grade*

"Third graders in Mrs. Everingham's classroom have been focusing this week on their ability to notice patterns through different multiplication strategies. One of the strategies we are focusing on is doubling and the ability to use a model, such as an array, to help us solve for our answer. Once the detectives were able to notice the patterns, they were able to use what they have learned from previous lessons to help them solve their multiplication equation using an array. When given a multiplication equation, students would create an array to model their thinking and get ready for the next equation. Third graders were then asked to think like detectives by using what they already knew to make the next investigation easier. For example, the students were first given 4 x 6, then would be given 8 x 6. They realized that they could use the doubling strategy to solve for 8x6 by doubling their previous answer (4x6 + 4x6 = 8x6)
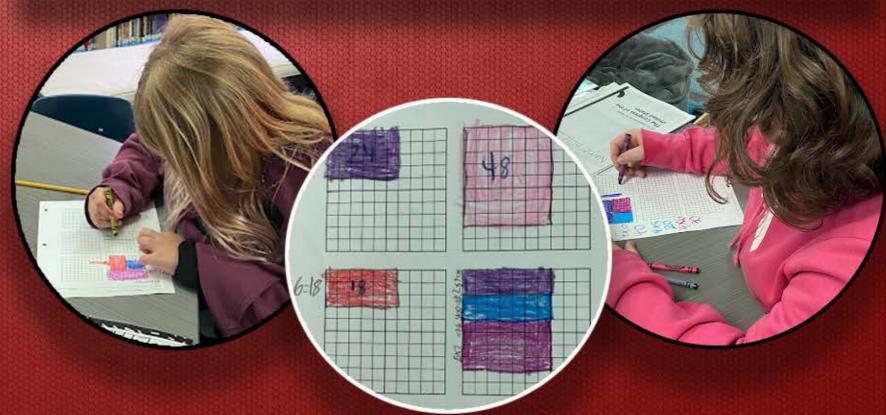
Once the students were able to see the pattern and solve it for themselves, they investigated their multiplication tables for the facts and strategies we introduced today. It was amazing to see your mathematicians noticing patterns and solving for different multiplication problems like a true math detective."

- Mrs. Everingham

By: Savannah Miller and Izabella Arechiga



**Mrs. Everingham's Third Grade**