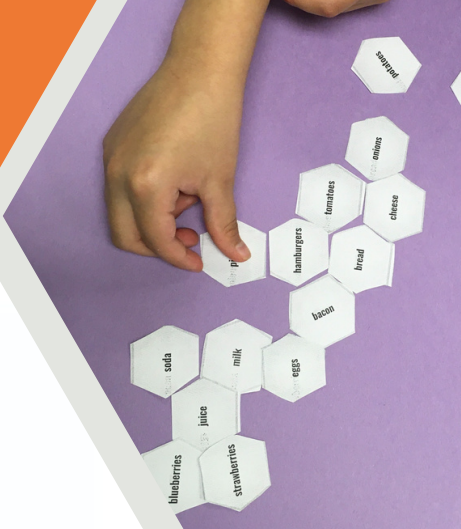


# MaC-GT: MATH & CLUSTERING WITH GIFTED/TALENTED STUDENTS



## What is Cluster Grouping?

Based on the work of Dr. Marcia Gentry, this program is a specific, research-based, total-school application of cluster grouping combined with differentiation, focused on meeting the needs of students identified as gifted while also improving teaching, learning, and achievement of all students. Cluster grouping occurs when several identified gifted students are placed into the same general education classroom. In our Math & Clustering with GT students model (MaC-GT), these groups of gifted students join a classroom comprised of students with average to above average abilities, as well as students who demonstrate a high aptitude in mathematics, MaC-GT is offered in 1st - 5th grades at most of our elementary campuses.

## Why MaC-GT?

MaC-GT offers students the opportunity to receive a differentiated curriculum that facilitates intellectual stimulation and challenge for much of the day, Teachers are able to create differentiated learning opportunities for these high-ability learners.

In addition to increased academic rigor, cluster grouping allows gifted students to make social connections and learn with same-aged peers who may think and learn in similar ways.

## Professional Learning for MaC-GT

Each teacher acquires a minimum of 30 hours in GT training during their first year, including 6 hours of Needs & Nature of GT Students, 6 hours of ID & Assessment of GT Students, and 6 hours of Depth & Complexity.

In addition they are provided with dedicated district training to cover topics such as:

- Differentiation
- Math Exemplars
- Curriculum Compacting
- Menus & Choice Boards
- Low Floor/High Ceiling Tasks
- Creative & Critical Thinking
- Social/Emotional Characteristics



*For additional information about the MaC-GT program, please contact the GT Specialist at your child's home campus.*

