

# **Palo Alto Unified School District Mathematics**

## **VISION**

PAUSD provides an exceptional math program that supports every student developmentally in achieving mastery and confidence at each individual's highest level.

## **MISSION**

1. PAUSD will hire and retain high quality staff that collaborates and uses research and quality professional development to stay current in best practices and district curriculum.
2. PAUSD will provide the support needed for staff to be informed members of the math community and actively encourage teachers and administrators to be innovative leaders in mathematics.
3. PAUSD, in collaboration with parents and the community, will provide the support and resources needed to implement the math program.
4. PAUSD will provide an effective system of continuous reflection and improvement, holding the program to the highest level of expectation and student achievement.
5. PAUSD will ensure system-wide program coordination and articulation.
6. PAUSD will monitor and refine the program, taking into consideration local, state and national guidelines and assessment data.
7. Teachers will utilize a variety of instructional practices and curriculum; valuing conceptual understanding, problem solving, critical thinking, and mathematical fluency.
8. Teachers will emphasize mastery over exposure, providing learning experiences that foster student understanding and love of math.
9. Teachers regularly use formative and summative assessments to inform instruction.
10. Teachers offer a variety of interventions, challenges, and enrichments to help all students maximize their mathematical potential.
11. Teachers accommodate developmental readiness and use differentiated instruction to meet the needs of all learners.
12. Teachers focus on increasing participation of underrepresented minorities and females in higher-level mathematics.
13. Teachers will collaborate with parents to support the learning of their children.