



Understands Math Concepts

Students engage in learning opportunities that:

- develop conceptual understanding
- make connections among mathematical ideas
- show mathematical thinking using models, tools, and representations

Is Proficient with Facts, Skills, Procedures

Students engage in learning opportunities that:

- provide meaningful practice in variety of ways
- foster the use of appropriate mathematical language, notations, and symbols to communicate
- support consolidation and mastery of learning

Engages in the Mathematical Processes

problem solving ♦ reasoning and proving ♦ reflecting ♦ selecting tools and computational strategies ♦ connecting ♦ representing ♦ communicating

Students engage in the mathematical processes to:

- build new knowledge
- form logical arguments
- apply knowledge and skills to new situations

Demonstrates Autonomy and Self-Regulated Learning

Students have an active role in:

- developing understanding of learning goals and success criteria through co-construction
- applying criteria, monitoring progress, reflecting, and setting individual learning goals
- developing and practicing peer and self-assessment skills

Displays Positive Attitudes towards Mathematics

Students experience a learning environment that:

- feels safe to wonder and take intellectual risks
- develops self-efficacy, resilience, and a growth mindset
- positions them as mathematical thinkers and doers
- fosters an appreciation for mathematics as an important tool in daily living

Vision for the Mathematics Learner

