

Mathematics Vision Statement:

The purpose of this vision statement is to communicate your plans/goals for teaching and learning mathematics. Consider how your math vision statement will be compelling for students/families/and community members.

Be Creative. Be Informative. Be Positive.

Some Prompts to Guide your Math Vision Statement:

- What is mathematics and why is it important to learn?
- What are your general goals for students as math learners?
- What does mathematics learning look like in your class?
- What does mathematics teaching look like in your class?
- How will you engage family and community in supporting mathematics learning in your classroom?
- How will you help students with different mathematics preparation and confidence levels succeed in mathematics?
- How will you promote positive attitudes toward math and math learning (i.e. math identity)
- How will you help students with various ethnic, cultural and socio-economic backgrounds—some of which are learning in a second language—succeed in learning mathematics?

FROM AGUIRRE, MAYFIELD-INGRAM & MARTIN (2013): Chapter 7**Design questions for crafting class newsletters/websites:**

- What is mathematics, and why is it important to learn?
- What are our goals for students as math learners?
- What does mathematics learning look like in your class?
- What does mathematics teaching look like in your class?
- How will you engage parents and community in developing mathematics learning in your classroom?
- How will you help students with different math preparation and levels of confidence succeed?
- How will you help students of various ethnic, cultural and socio-economic backgrounds – some of which are learning a second language – thrive in your mathematics class?

Key Considerations for Back-to-School Night/Curriculum Night

- Enthusiasm for the subject
- Ways that you will nurture a positive math identity
- Ways that you will help strengthen students' mathematical proficiency and agency
- Your favorite mathematics topics to teach for this grade level and why you like these best
- Strengths of the mathematics curriculum and ways that you will enrich the students' mathematics experiences
- Special math projects (perhaps tied to science units or community service projects)
- Ways that you will communicate math progress to families
- Ways you can learn from families about activities outside of school to make math relevant
- Ways that parents can partner with you to support math learning (you might suggest family games, such as dominoes, chess or checkers, Parcheesi, cribbage, Connect Four, spades)
- Brainstorm with families ways that families might use mathematics in everyday events, such as estimating grocery bills, cooking, measuring fabric, completing repair projects; sports events)