

Gilmore School Growth Plan - October 2024

At Gilmore, we are dedicated to enhancing student achievement and fostering a positive mindset in numeracy. Our goal is to empower students to see themselves as capable math learners by building their confidence, expanding their thinking, and promoting independence. We aim to help students take ownership of their learning, equipping them with the skills needed to solve real-world problems.

Numeracy Vision

Our school is committed to nurturing strong numeracy skills in every student. We strive to deepen their understanding of mathematical concepts, improve problem-solving abilities, and build confidence in applying mathematics to real-world situations. We want every student to progress at their own pace, making numeracy an essential part of their learning journey.

Key Focus Areas for Growth

1. **Conceptual Understanding:** We prioritize helping students grasp the "why" behind mathematical operations, not just the procedures. This approach strengthens their overall understanding of math concepts.
2. **Mathematical Reasoning:** We emphasize critical thinking, encouraging students to reason through problems and explain their thought processes. Exploring multiple methods to solve problems also plays a key role in their development.
3. **Application of Skills:** We support students in applying their math skills to real-life challenges. Activities like budgeting, measuring, and solving everyday problems help students see the practical relevance of mathematics.
4. **Growth Mindset:** We believe that every student can grow their mathematical abilities through persistence and effort. We foster a growth mindset by encouraging students to embrace challenges, learn from mistakes, and persevere.

How Parents Can Support Their Child's Numeracy Development:

- **Encourage a Positive Attitude Toward Mathematics:** Help your child see mathematics as a fun and useful skill rather than something to be feared. Celebrate small successes and encourage a growth mindset.
- **Practice Math Skills at Home:** Simple activities like counting, measuring ingredients for a recipe, or helping with shopping budgets can reinforce math concepts. There are also many online resources and games designed to make math enjoyable.
- **Ask Questions and Foster Problem-Solving:** When your child encounters a math problem, ask questions like "How can you approach this?" or "What do you think comes next?" This encourages them to think critically and develop reasoning skills.
- **Create a Math-Rich Environment:** Integrate math into everyday activities. For example, ask your child to help with planning trips, measuring furniture, or calculating time. These everyday tasks demonstrate the practical application of math.
- **Stay Informed and Engaged:** Communicate with your child's teacher about their progress and any areas of difficulty. Be an active partner in their learning journey.

By working together—school, parents, and students—we can create a supportive environment where numeracy

thrives, helping students succeed both academically and in their everyday lives.