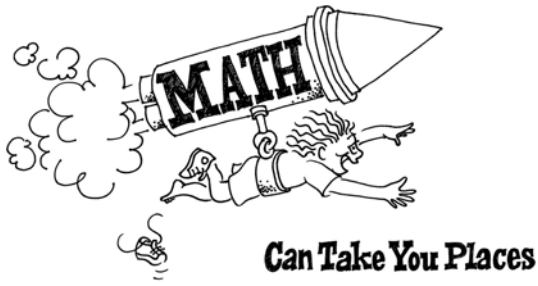


Mathematics in Everyday Life

Focus Questions

If you were to ask your students, “What is the purpose of learning mathematics?”, what are some of the responses you think they might offer?

How does establishing relevance enhance instruction in the mathematics classroom?

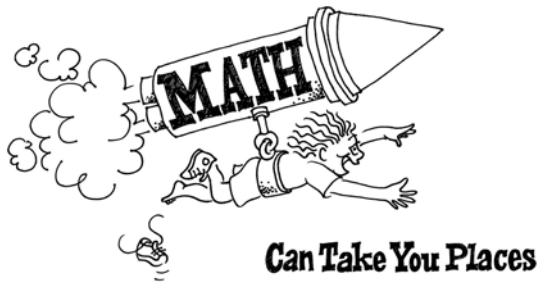


Mathematics in Everyday Life

Conceptual Highlights

How do you emphasize real-life application of the following concepts for your grade level?

- Computation and Estimation
- Measurement and Geometry
- Statistics and Data Analysis
- Proportions
- Reasonableness
- Problem Solving and Using Mathematical Tools



Mathematics in Everyday Life

Implementation Strategies

- Have a group discussion about how your assigned topic is addressed at your grade level, i.e. 5th grade T.E.K.S. on computation and estimation.
- Generate a list of ideas for activities which apply the Implementation Strategies suggested in the video *Mathematics in Everyday Life*. Activities may include:
 1. Establishing a purpose for each mathematics concept students will learn.
 2. Helping students to recognize mathematics in real life.
 3. Inviting speakers and/or creating mentoring opportunities so students can see mathematics in action.
 4. Using mathematics to introduce students to a variety of career possibilities.
 5. Introducing new mathematics concepts by posing a problem related to a real-life situation.