



CPM Guiding Principles

- ◆ Students deepen their mathematical understanding when they engage with concepts over time.
- ◆ Students have significantly better retention of mathematics when concepts are grounded in context.
- ◆ Students' involvement in effective study teams increases their ability to learn mathematics.
- ◆ Effective study teams are guided, supported and summarized by a reflective knowledgeable teacher.
- ◆ Assessing what students understand requires more than one method and more than one opportunity.
- ◆ When students and stakeholders embrace a growth mindset, they understand that mastery takes time, effort and support.

Standards for Mathematical Practice

1. MAKE SENSE of problems and persevere in solving them.
2. REASON abstractly and quantitatively.
3. CONSTRUCT VIABLE ARGUMENTS and critique the reasoning of others.
4. MODEL with mathematics.
5. USE APPROPRIATE TOOLS strategically.
6. ATTEND TO PRECISION.
7. Look for and make use of STRUCTURE.
8. Look for and EXPRESS REGULARITY