

CPM Back-to-School Night



CPM's Vision

CPM envisions a world where mathematics is viewed as intriguing and useful, and is appreciated by all; where powerful mathematical thinking is an essential, universal, and desirable trait; and where people are empowered by mathematical problem-solving and reasoning to solve the world's problems.

How People Learn



Research shows that people retain a percentage of information based on the way they receive it:

We learn...

- ❖ **10%** of what we **READ**
- ❖ **20%** of what we **HEAR**
- ❖ **30%** of what we **SEE**
- ❖ **50%** of what we **SEE** and **HEAR**
- ❖ **70%** of what is **DISCUSSED** with **OTHERS**
- ❖ **80%** of what is **EXPERIENCED PERSONALLY**
- ❖ **95%** of what we **TEACH TO SOMEONE ELSE**



3 Pillars of CPM Pedagogy



1. Students learn ideas **more deeply** when they discuss ideas with classmates.
2. Students learn ideas **more usefully** for other arenas when they learn by attacking problems—ideally from the real world.
3. Students learn ideas **more permanently** when they are required to engage and re-engage with the ideas for months or even years.



A few of the things you can expect

In my class, your child will...

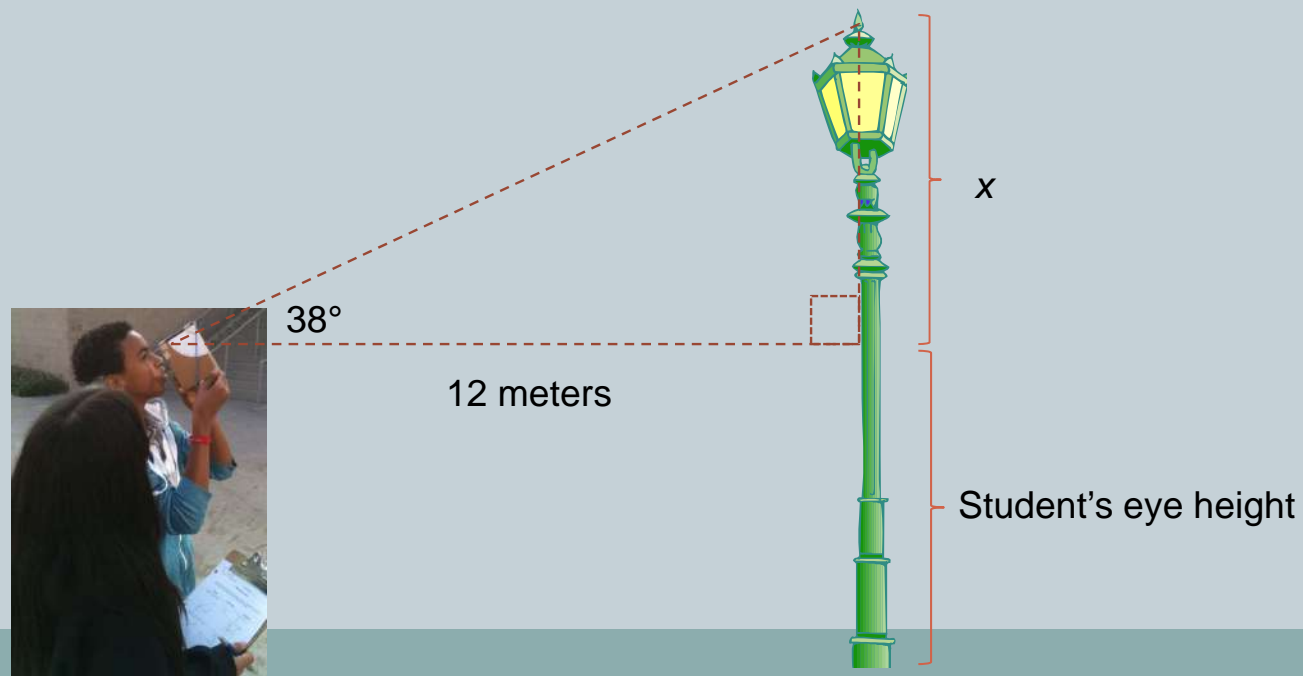
- ❑ Be in a challenging and supportive environment.
- ❑ Have homework almost every night.
- ❑ Develop their confidence and ability to communicate and work with others.



They are learning to apply mathematics in the real world.



Students can apply standards-based concepts to real-life situations, and in doing so develop their problem-solving skills in an engaging and meaningful way.



How You Can Help



- Have them show you their agenda every night.
 - Make sure they are completing their homework and studying before tests.
- Check their grades regularly online.
- Make sure they continue to study for and retake Checkpoint Mastery Tests.
- Call or email if you have questions or concerns