

# BUILDING THINKING CLASSROOMS IN MATHEMATICS K-12

**Goal: To explore teaching practices to enhance learning in a K-12 math classroom. Based on the [book](#) by Peter Liljedahl.**

## GETTING STARTED

Peter Liljedahl is a former math teacher and author. He has visited hundreds of different math classrooms and calls himself a studier of students. Over the years, the data and results he has gathered from his observations and experimentation in the classroom has been compiled into the book *Building Thinking Classrooms*.

The book contains [14 teaching practices](#) to enhance learning in the K-12 math classroom. Each of the practices is used to help teachers build “thinking students” and not just a “mimicking” student.

*Purchase of book is not required, but recommended. It is a good read :)*

## EXPLORE RESOURCES

In February, I was able to attend a PD that presented how to begin to change your classroom into a “thinking classroom”. [This slide show](#) was used in the PD. It explains the “toolkits” needed to begin the development of a thinking classroom as well as ideas for “thinking problems” and links to “thinking tasks”.

[Interview with Peter](#) about Building Thinking Classrooms.

## TEACHER IMPLEMENTATION PLANS AND REFLECTION

**What activities will you implement in your classroom?**

**What would you like to share about what you learned with your colleagues?**

**What questions do you have?**

Please submit your reflection and questions [here](#).

**ESTIMATED LOG TIME: 1-3 HOURS**