

# Math Class Makeover

Based on ideas presented by Dan Meyer



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## Create challenging problems to promote:

- Reasoning Skills
- Problem Solving Skills
- Critical Thinking Skills
- Collaboration



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## Create "layers" to problem solving

- How can you encourage students to think critically about the problem?
- Can the students have a conversation about the problem?
- Is the problem open - ended?



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## Rebuild questions to support learning.

- Provide students with a visual.
- Ask a question.
- Have a conversation about the problem.
- Keep it simple, yet challenging.



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## Use real-life problems.

- Let the students build the problems.
- Encourage student intuition.
- Facilitate discussions.
- Use multi-media to demonstrate questions.

Resource:  
"Math Class Needs a Makeover" by Dan Meyer  
Link: <https://www.youtube.com/watch?v=NWUFjb8w9Ps>