Reinventing the Wheel 2.0
Turning Your Favorite Activities into STEM...again!

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Change isn’t always easy
Why STEM?
Real Life Application
"The first step in winning the future is encouraging American innovation. None of us can predict with certainty what the next big industry will be or where the new jobs will come from. Thirty years ago, we couldn’t know that something called the Internet would lead to an economic revolution...In America, innovation doesn’t just change our lives. It is how we make our living."

President Obama
What does STEM look like in my classroom?
Interdisciplinary
Problem Solving
Exploratory Learning
Use of the Engineer Design Process

The Goal

Ask - Imagine - Plan - Create - Improve
Student Reflection

The hill will be the peak of a mountain.

K
Reflection is key!
Don't reinvent the wheel → ○
Just redesign it

oficispeaks.com
It’s time for a game of...

STEM or Not STEM!

• Go to b.socrative.com.
• Enter room: AccomplishedSTEM
Let’s try a couple activities together!
Elapsed Time Build-a-Clock

Oldie but Goodie:
Students paint and labels their own clock
Straw Rockets

Oldie but Goodie:
Make your own protractor.
Time to Reflect
More Q & A?
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