

# Reaching & Teaching “Those Kids”

NCTM 2015, Boston

#366 Chris Shore, shore@mathprojects.com

## Paradigm Shift

- Shift from “students are solely responsible” to a Coach’s Mindset.
- Emotional Investment.
- Single-Digits failure rates are possible.
- We are to teach ALL kids.

## No-Options Engagement

- No-Options: Make failure more painful than success.
- Engagement: No Quiet Deals, No Gravity Storms.
- It’s not an issue of knowledge; it’s a matter of will.

## Boot Camp Numeracy

- Numeracy is the #1 indicator of math success.
- Students don’t flunk current content; they flunk prior content.
- Refresh, Refine & Accelerate.
- Before a lesson, week, or unit.
- Use your textbook pre-assessments.

## HOTS

- Explicit Teaching of Thinking.
- Problems are different than exercises.
- Be Task Oriented.
- Tasks = Problems that teach both Content & Critical Thinking.
- Teach tasks; don’t skip, treat as a worksheet, or use as notes.

“With the faith that they can learn it, and that we can teach it to them.”

