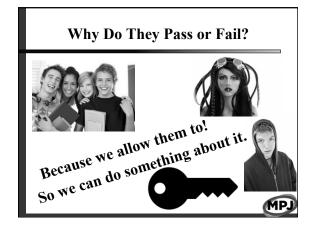
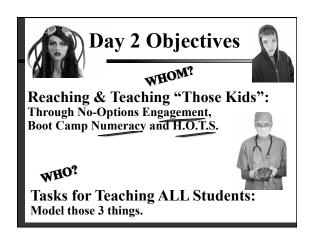


What is an Acceptable Failure Rate?		
15%?		
25%?		
	40%?	
	60	0%?





When You Reach 'em ...

Geometry: from 1st Progress to Semester Report Card (over 3 years) 12-15% >> 0-9%

District Final improved over 3 years from 74% to 85% avg.

Algebra Essentials: 1st Progress to Semester Report Card (over 2 semesters) 33% >>> 9%

Remedial Math Class met the district average on Final Exam.

Algebra 1 At-Risk: from 8th Grade Math to Freshman Algebra 100% >> 0%

Exceeded the district average on Final Exam.

Single Digit Failure Rates are Possible! MPJ



The Paradigm Shift "Students are Coach's Mind Set solely responsible." otional

No-Options Engagement

The most loving thing you can do for your students is ...

Demand Their Best Effort

No-Options

Engage

(Make failure more painful than success)

(No Quiet Deals)

- Slacker Alert **Entrance Ticket**
- **Incomplete Policy**
- **Student Conference**
- Intervention
- HW Camp/Board-listed
- Interesting Lessons Walk-abouts
- · Call Outs
- Whiteboards
- **Exit Ticket** · Pair/Share



No-Options Engagement

❖No-Options Strategies

- •Ticket out the door
- •Non-stop harassment
- •HW Detention
- •Phone Calls/Email
- •Supplemental Assignments



- **❖**Engagement Strategies
 •I do/we do/you do
- •Chunking
- •Stand & Point
- •Use Student Response
- •Wait for 100% involvement
- •Thumb/Finger Votes
- •Sticky Note Terror
- •Participation Paraphernalia (Beads, Raffle Tickets, Initials, Deck of Cards, Seating Chart Dots, Equity Sticks)



Boot Camp

Refresh, Refine & Accelerate ...

pre-requisite skills ...

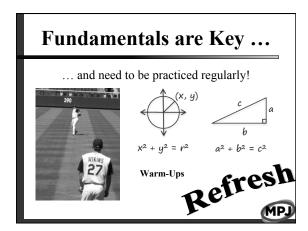


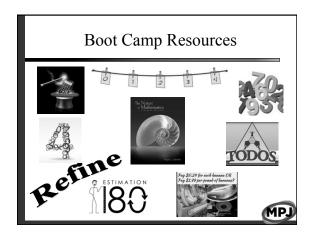
before each lesson, week or unit.

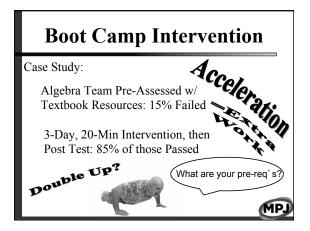


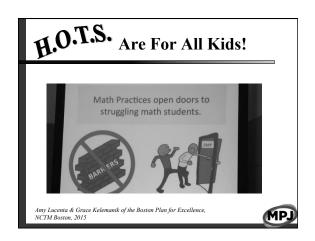


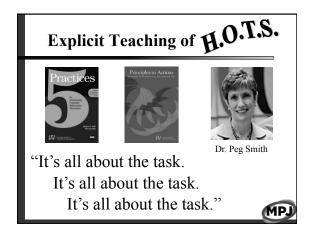














But Did They Learn Any More?

Work ► Learn ► Earn Work ► ► ► ► Earn

External Data

6% of Geometry Total failed state test (2% failed course)

98% of SL Studies Seniors passed IB Exam

3rd of all Algebra 1 Classes on the final exam.



Teacher Action is the Difference



Teachers matter most.

-- Dr. William Schmidt, University of Michigan

Teachers matter most.

-- Peg Smith, University of Pittsburgh





-- Tim Kanold, Adlai E. Stevenson HS, Chicago





Teachers matter most.

-- David Foster, Silicon Valley Math Initiative, CA







Reach 'Em & Teach 'Em in ...



...with the faith that they can learn it,

and that we can teach it to them,

because what we do matters the most.

www.mathprojects.com

