



## THE GREATEST MATHEMATICS TEACHER WE EVER KNEW : INSPIRING STUDENT PERFORMANCE

*We typically don't think of ourselves as leaders and teachers of influence because we fail to see that the common thread running through most of the triumphs and tragedies of our lives is our ability to exert influence one way or the other...*

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NCTM  
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## The Final Word: How do you become a "Built to Last" teacher?

*We typically don't think of ourselves as leaders and teachers of influence because we fail to see that the common thread running through most of the triumphs and tragedies of our lives is our ability to exert influence one way or the other...*

**The future has arrived!!!**



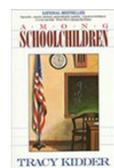

## Why is your role as a teacher so important?

You have the opportunity to develop the "Capacity of Others" and influence those inside and outside the school as you offer the hope of a better future




## Why is your role as a teacher so important?

You have high impact on the front lines as you **snag children in the river of life...**



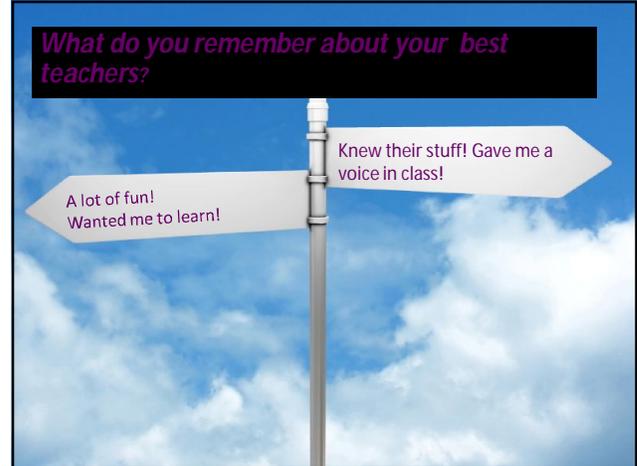

—Pulitzer prize winner Tracy Kidder



## Imagine...

Think about Your Favorite Teacher  
List their qualities in the rectangle....

Leave circle  
blank



## What do you remember about your best teachers?

A lot of fun!  
Wanted me to learn!

Knew their stuff! Gave me a  
voice in class!



## The Built to Last Teacher

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*Your legacy as a teacher is lived and built forward day by day, but understood only in reflection upon looking back...*



## The Built to Last Teacher

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So, what becomes **the basis** for the brick by brick building of your teaching legacy?



## The Built to Last Teacher

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1. Becomes a person of positive influence and character

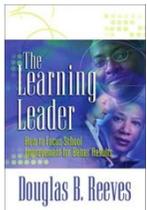


## Is Positive Teacher Influence Important?

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From Doug Reeves in the Learning Leader...  
Emotionally Intelligent teachers (high EQ's) can have up to a 30% impact on student achievement...

High "noticing" quotient  
Positive disposition  
Great facilitative skills  
Able to lesson plan from the students' "point of view"

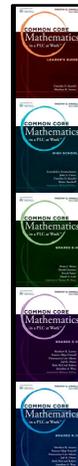



## Here's the paradox about Influence...

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*When it comes to resistant problems, verbal persuasion rarely works...*

*Students are not going to give up what constitutes an important window into their "view of self" because of a well turned phrase by the teacher...*



## How do you Influence Students?

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The factors influencing whether students will enact a vital behavior are based on two essential expectations:

- 1) *Is it worth it ? (If not, why waste the effort?)*
- 2) *Can they do this vital behavior? (If not, why try?)*

-Kerry Patterson in, *The Influencer*, 2008



**Think of a current vital student behavior you expect each day...**

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**How could you not use words, but use...**

- 1) **Personal Motivation** – make the “Undesirable Desirable”...
- 2) **Social motivation** – Harness peer pressure and find strength in numbers...
- 3) **Structural Motivation** – Design rewards and expect action... (support and pressure though monitoring)



**Influencing the actual implementation of vital classroom behaviors**

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**Depends on three issues:**

- 1) *Do I believe you have the knowledge base for the vital behavior required?*
- 1) *Do I trust your intentions regarding the the non-negotiable behavior?*
- 1) *As a stakeholder - Do I have a voice in the implementation design?*



**A Character Test for You...**

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**ALL KIDS CAN LEARN...**

- 1) *Based on their ability.*
- 2) *If they take advantage of the opportunity to learn.*
- 3) *And we will accept responsibility for their growth and motivation*
- 4) *And we will establish high Standards of learning that we will expect all students to achieve.*

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**The Built to Last Teacher**

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1. Person of positive influence and character
2. **Relational Intelligence - great people skills with a high Emotional Quotient**



## Relationships, Relationships, Relationships

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The single factor common to every successful Classroom is that Relationships improve collaboration and team building becomes a cultural norm.

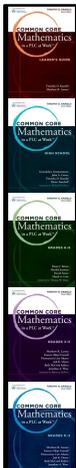


## Are Relationships Important?

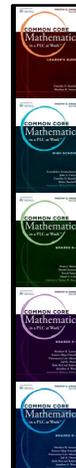
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YES - Evaluating the Evidence - John Hattie (2009) meta-analysis of over 800 studies...

**Teacher Student Relationships- .75**

**Acceptance is an act of the heart. To accept someone is to affirm to them that you think it is a very good thing they are alive....**

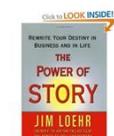


## Positive peer relationships too...

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Healthy professional "Working Team" relationships:  
 The ratio of positive messages to negative messages should be above 2.9 and below 11.6  
*Too low is toxic - Too high undermines reality*

From the Power of Story - James Loehr



**Good relationships are necessary for developing *knowledge capacity* in the classroom...**

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*There is nothing more important in the decades ahead than understanding the skills necessary to grow such schools where a focus on effort-based ability is the norm...*  
 —Jonathon Saphier – 2005



**Crucial teacher messages that influence effort based ability...**

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**Effective effort** Vs. **innate ability** is the main determinant of achievement...



**Crucial teacher messages that influence effort based ability...**

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The teacher sends three messages to students...

- *What we're doing here is important*
- *You can do it! And you **will** do it!*
- *I'm not going to give up on you - even if you give up on yourself*

**Note: For too many students, accepting failure has become a strategy for not having to try...**

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**What are the factors connected to quality student understanding?**

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- Quality *relationships* with the teacher (.75)
- The depth of those relationships
- Choice of tasks chosen for student learning (.72)

**The Built to Last Teacher**

1. Person of influence and character
2. Great Relational Intelligence.
3. Energy! Do you energize others?

**Choosing a teaching and leading path of enduring energy...**

*The biggest fear teachers have is **Endurance!***

*How do you **endure and sustain** a high level of inspiration year in and year out?*



**Which one do you want to be in May?**




**As a teacher, how do I stay fully engaged in my work?**

- 1) Be crystal clear about an exceptionally inspiring purpose and passion in life - it gives the power to persevere and push through the doubters and resisters.

**As a teacher, how do I stay fully engaged in my work?**

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2) Make sure I am part of a team of inspiring people - if you want to stay motivated over the long haul - get people around you who give you a positive emotional jolt every time they walk into the room.

**As a teacher, how do I stay fully engaged in my work?**

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3) Hang out with exceptionally inspiring people - who are they in your world?

Who directly or indirectly inspires you to commitment and effort year in and year out...

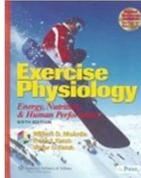
**Then tell them!**

**As a teacher, how do I stay fully engaged in my work?**

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4) Pay attention to my physical disciplines - a 20% energy gain in my work life.

**Sleep and Exercise!**



William McArdle in *Exercise Physiology* @2007

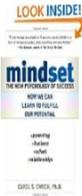
**The Built to Last Teacher**

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1. Person of positive influence and character
2. Great Relational Intelligence.
3. Person of Energy!
4. **Person of Wisdom - A strong knowledge base and good decision maker**

**Do you have a *Fixed Mindset* or a *Growth Mindset*?**

Carol Dweck

LOOK INSIDE!

**mindset**  
THE NEW PSYCHOLOGY OF SUCCESS  
HOW OUR  
LEARN TO PERSIST  
AND PERFORM

Carol S. Dweck, Ph.D.

**Growth Mindset: Wisdom about *what?***

- Effective questioning during whole-class discussions
- Effective facilitation of small-group discourse
- Use of high cognitive demand tasks
- Integration of Technology
- Student goal setting/reflection “embrace errors”
- Teacher collaboration



**Question!**



*To Sustain student success and your own success, do you need to have all four of these qualities?*

**Make a commitment?**

Which one in 2013-2104?



**Be someone's Hero - You make a difference...**

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*When we move on, students do not remember us for what we do for ourselves. They remember us for what we do for them. They are the inheritors of our work...*

*This is the role of a great teacher this is the legacy of your life...*



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