

Math Coaching Breakout

CMC-South 2017



Chris Shore
The Math Projects Journal
Temecula Valley USD

@MathProjects
shore@mathprojects.com

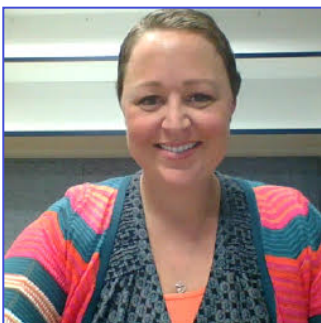
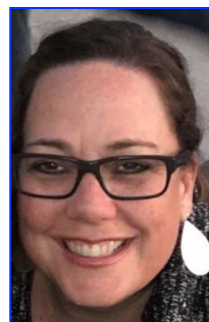
Relationships in Math Coaching



My Coaching Experience



My Coaching Team



**21st Century College
& Career Readiness.**



Relational Bridges

Relationship Principles

Relationship Models

The All Important Question

Building Capacity

Overcoming Resistance

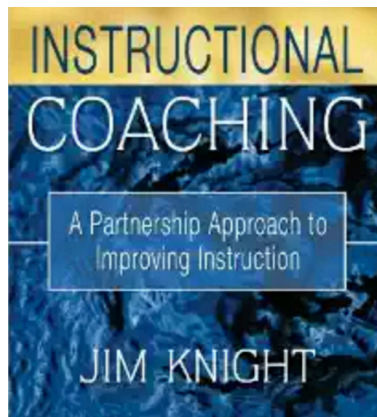
The Coaching Spectrum

Framing the Dialogue



Knight's *Principles of Partnership*

*Where are
you nailing
it?*



- ① Equity
- ② Choice
- ③ Voice
- ④ Dialogue
- ⑤ Reflection
- ⑥ Praxis
- ⑦ Reciprocity

*Where are
you missing
it?*



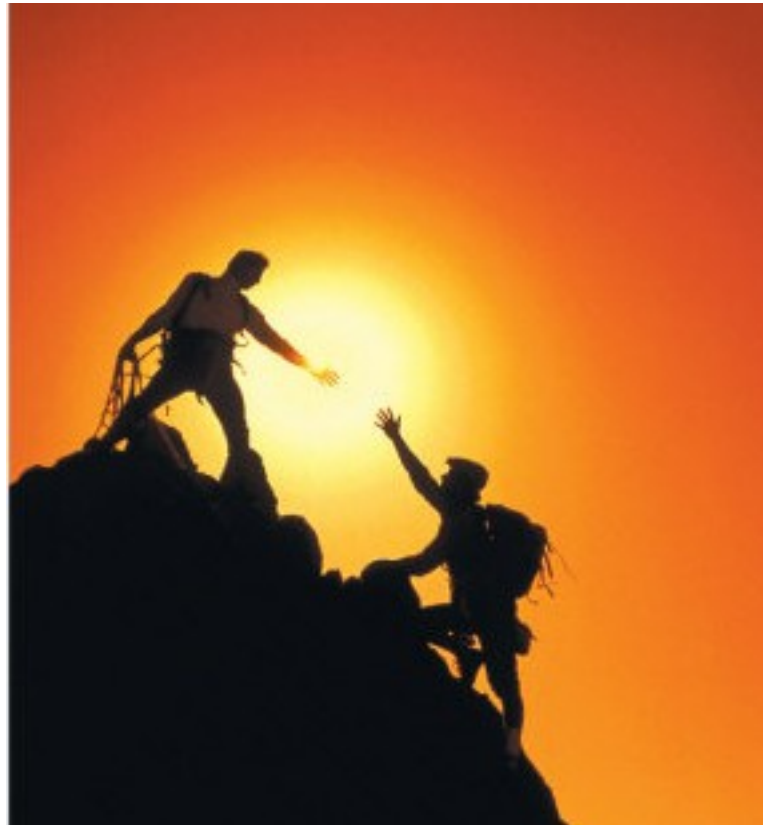
Relationship Models

- Invitation
- Rotation
- Application
- ~~Prescription~~
- PLC Support
- PLC Participation
- Social Hangouts
- Cross Traffic
- Working Observations
- Handshake Introductions
- Visitations
- Email
- Elbow Coaching
- _____



Ask the All Important Question.

How can I best serve you?



Build Capacity



Find Your Multipliers



Build Capacity

31% Actively Engaged

57% Disengaged

12% Actively Disengaged

The Most Potential = Average Teachers

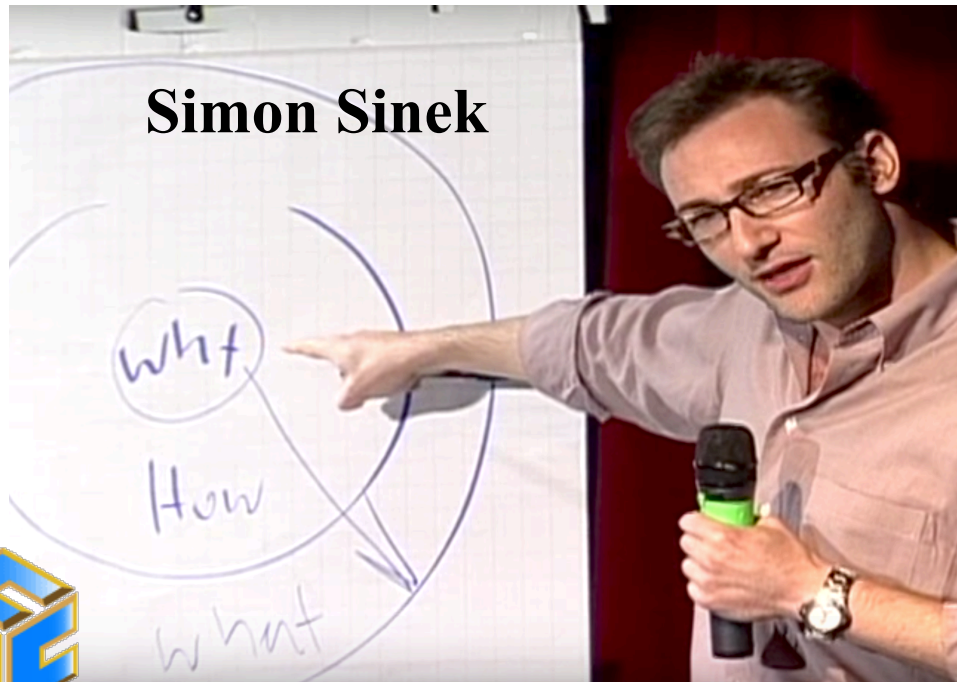


Overcoming Resistance

Reasons for Resistance

**“How Great Leaders
Inspire Action”**

- **No Why**
- **No What**
- **No How**



Simon Sinek



Dr. Luis Cruz



The Spectrum of Coaching Effectiveness

← Spectrum of what teachers want.



Resources



Co-Teaching



**Teacher
Reflection**

→ Spectrum of what works.



Principles to Action

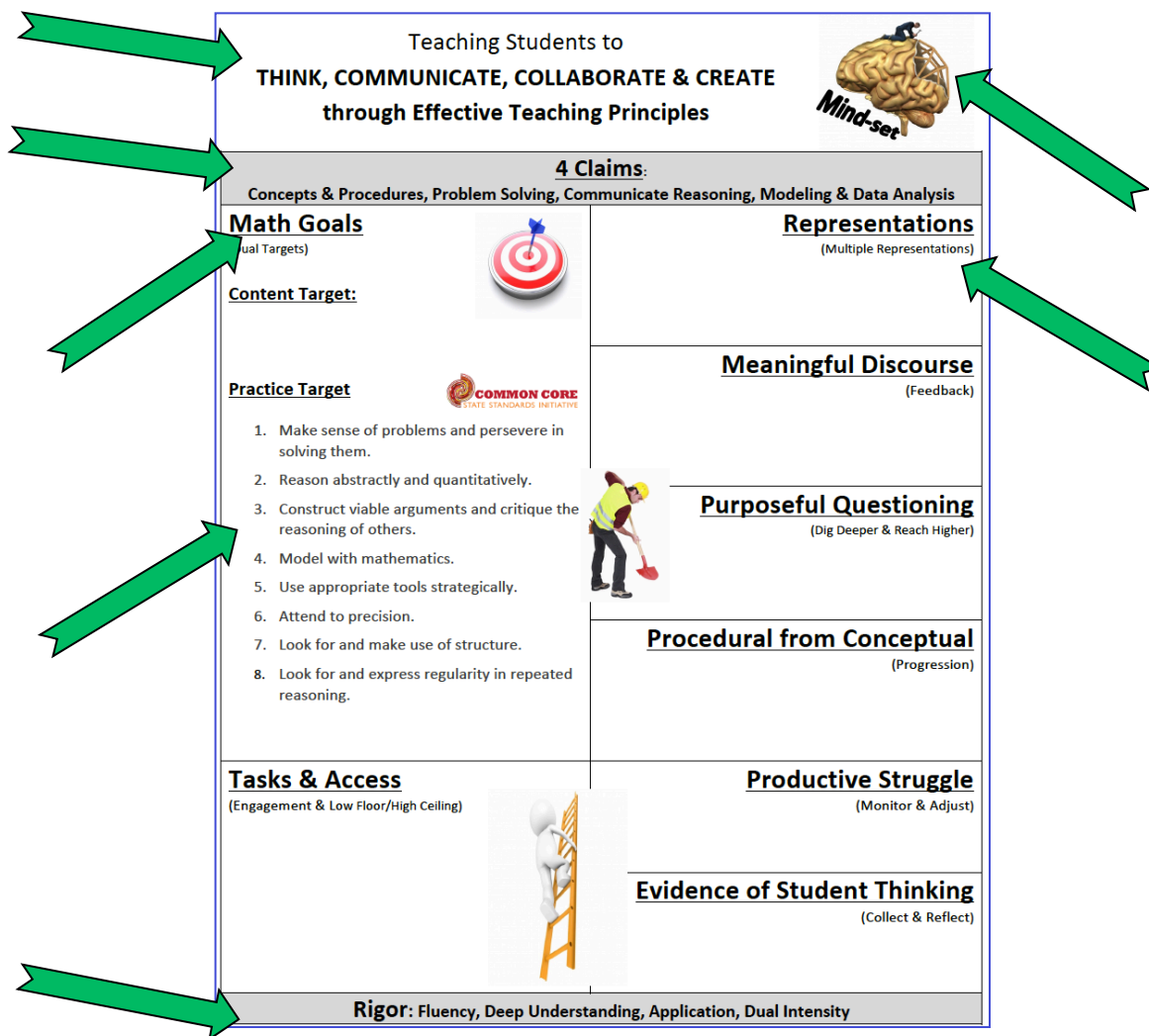


Teaching Practices

- Math Goals
- Tasks
- Representations
- Discourse
- Questioning
- Conceptual to Procedural
- Productive Struggle
- Student Thinking



Lesson Reflection



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Schedule It



2-Week Rule



10%



Coaching Makes a Difference, too.

“Few people can be more confident that they are making a difference than a coach.”

“If you want to make our world a better place, there are few ways more powerful than being a coach.”

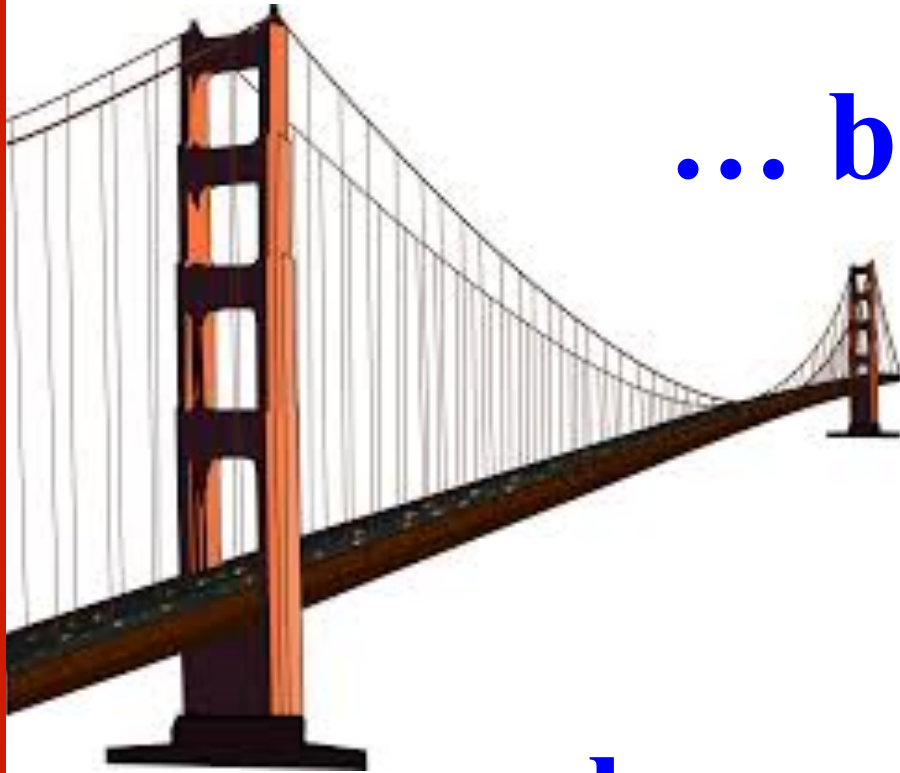


Teachers need their coaches.

-- Jim Knight, University of Kansas



So Build Those Relationships, ...



... be the bridge,



**... because your teachers
need you!**

