

# Math Coaching Pre-Conference CMC-South 2017



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# Math Coaching Pre-Conference VISION

## Leadership Axioms



## Vision Activity, Models & Principles



# Axiom #1

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**“The greatest influence in the quality of the education that a student receives is the decisions that a teacher makes on a daily basis.”**

-- Dr. William Schmidt, University of Michigan



**Teacher  
action is the  
difference.**



# Axiom #2

**“Indeed, there are virtually no documented instances of troubled schools being turned around without intervention by a powerful leader.”**

-- Dr. Kenneth Leithwood, University of Toronto



**We NEED You!**

**Leadership  
action is  
critical.**



# Axiom #3

**“The meta-research shows that math coaches are effective. We see small bumps in student data in years 1 & 2, and large spikes in years 3 & 4.”**

-- Dr. Maggie McGatha, University of Louisville



**Coaching  
Works!**





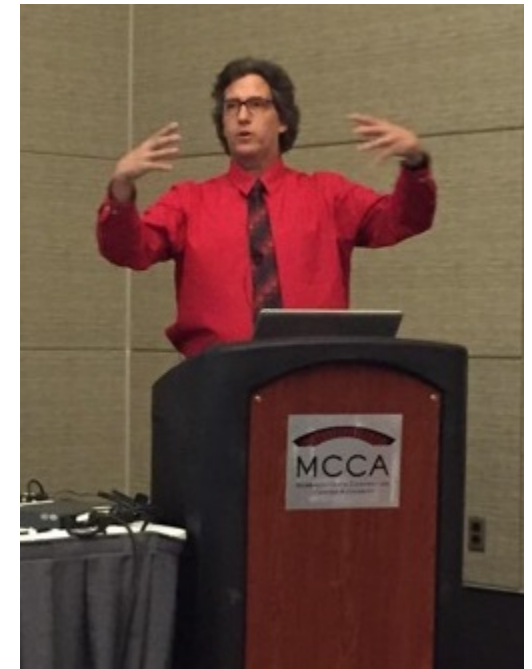
# Axiom #4

**“You either come from a state that is implementing the Common Core, or you come from a state that is pretending not to.”**

-- Chris Shore, NCTM, Boston



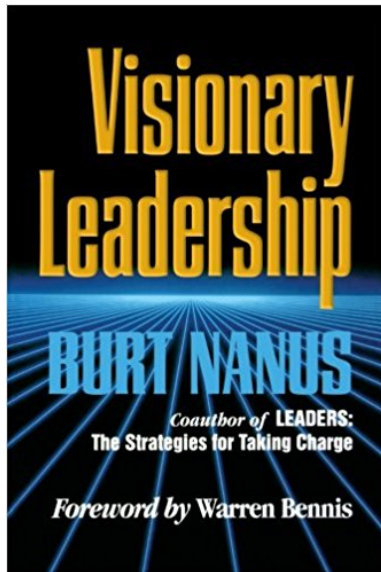
**21<sup>st</sup> Century  
standards are  
here to stay.**



# Axiom #5

**“Vision is not a luxury, but a necessity; without it, workers drift into confusion or, worse, act at cross purposes.”**

-- Burt Nanus, University of Southern California



**Vision is an imperative.**



# DEVELOP the VISION

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1 Statement  
18 Words or Fewer

What the Ultimate Math Class  
would look like...

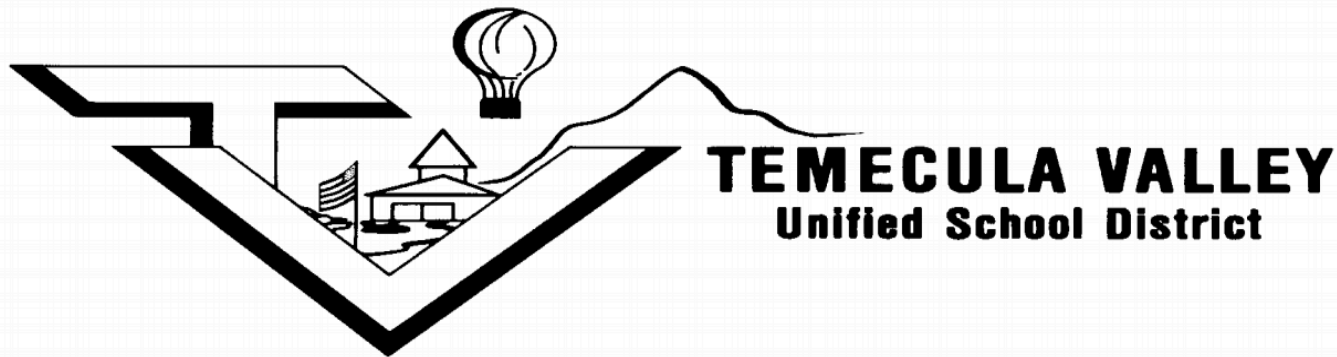




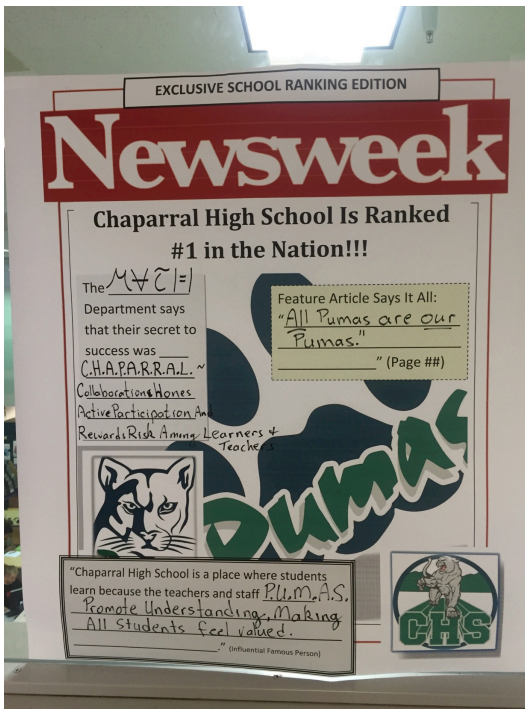
# Vision Model

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**Expertly teach all 21<sup>st</sup> Century learners to think & communicate collaboratively & creatively.**

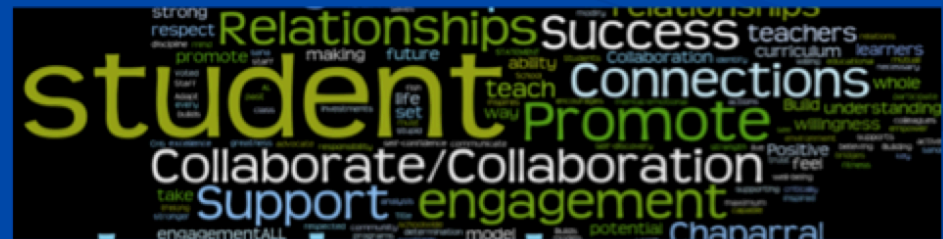


# Vision Model



## CHAPARRAL VISION

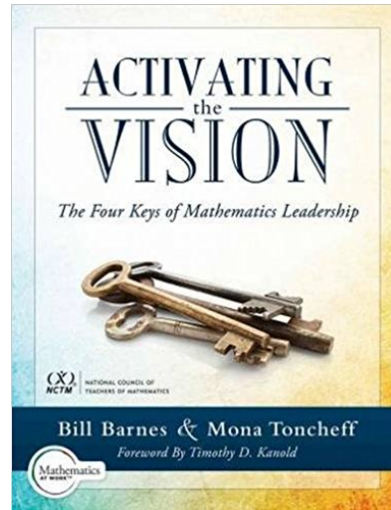
Our vision is to inspire, engage, and support ALL students in their success through knowledge, collaboration, and relationships.



# COMMUNICATE the VISION



**“If you were to ask 10 people  
‘What is our vision?,’  
how many responses would you get?”**



**“How does this advance the vision?”**

**“What does our vision look like in your position?”**



# The Common Scourge





# FOCUS on the VISION

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# Help Develop, Communicate and Focus on the Vision...

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...so your teachers can change this world,  
one math lesson at a time.



# Math Coaching Breakouts

## CMC-South 2017



**Chris**

**Relationships in Math Coaching:**  
Open Doors and Build Bridges to  
Improve First Instruction

*(Secondary A & B)*



**Jed**

**&**



**Paula**

**Blended: Tech & Pedagogy**



**Graham**

**&**



**Melissa**

**Be a Goal-Getter: Keys to Designing  
and Implementing Effective Goals**

*(Elementary Block)*