Potential PLC Resources for Four Core

Ideally, you have something relevant to your PLC to dive deep into for 45 minutes. However, if you find yourself short on time and are looking for ideas, please consider using these articles or videos as anchors when you are in search of a topic to dive deeper into during your PLC time.

ELA

Penny Kittle: Why Students Don't Read What is Assigned in Class (video)

Slay the Monster! Replacing Form-First Pedagogy with Effective Writing Instruction (article)

Becoming a Classroom of Readers (article)

Four Practical Principles for Enhancing Vocabulary Instruction (article)

What Really Matters When Working With Struggling Readers (article)

The Anti-Five-Paragraph Five Paragraph Essay (article)

K-12 ELA Standards Comparison (From Spring 2017)

Accelerated Learning Through Independent Reading (article)

Middle & High School Reader's Workshop Resources (padlet)

Math

5 Principles of Extraordinary Math Teaching (video)

Teaching Kids Real Math with Computers (video)

Psychological Imprisonment or Intellectual Freedom? A Longitudinal Study of Contrasting School Mathematics Approaches and Their Impact on Adult's Lives (long article)

The Road to Fluency and the License to Think (article)

Research Shows Students Learn Better When They Figure Things Out On Their Own (article)

Mathematical Miseducation of America's Youth (article)

Nurturing the Middle School Mathematical Mind (article)

Research Evidence on Best Way to Learn Math Facts (article)

K-12 Math Standards Comparison (From Spring 2017)

High School Standards by Course Comparison

The Best Way to Teach Subtraction (vblog)

Why Place Value Needs to Come First (vblog)

3-Act Lessons (Graham Fletcher- videos)

Six Characteristics of a Great STEM Lesson (article)

Balanced Math Instruction: Conceptual vs. Procedural (vblog)

Teaching Kids Real Math with Computers

Science

[Teaching Science: We are doing it wrong](#) (video- stick with this...great points at the end)

[Schools Should Teach Science Like Sports](#) (article)

[Teaching Science Literacy](#) (article)

[Thinking and Acting Like Scientist](#) (article- elementary)

[Creating Problem Solvers in Science and Beyond](#) (article)

[Beware of the Test Prep Trap](#) (article)

   Commentary- Don't Ignore Standardized Testing...Think of it as a Genera

[Six Characteristics of a Great STEM Lesson](#) (article)

Social Studies

[Teaching History in the 21st Century](#) (video)

[Popular Culture as Historical Context: Using Mass Media to Teach American History](#) (long article)

[Teaching History Through Inquiry](#) (article)

[Teaching History Outside the Box](#) (blog post)

[Reading Like A Historian](#) (web page)

[Washington Post: How to Teach History (and how not to)](#) (blog post)

Pedagogy

[The Myth of Average](#) (video)

[Why Comfort will Ruin your Life](#) (video)

[Productive Struggle](#) (video)

[Perils or Promises: Education in the Age of Smart Machines](#) (Yong Zhao- long video)

[Play, Passion, and Purpose](#) (Tony Wagner-video)

[Do Schools Kill Creativity](#) (Ken Robinson- video)

[How to Escape Education's Death Valley](#) (Ken Robinson- video)

[Start with Why](#) (Simon Sinek- video)

[John Hattie's 252 Influences and Effect Sizes Related to Student Achievement](#) (blog post)

[Collective Teacher Efficacy](#) (short video)

[Collective Teacher Efficacy & PLCs](#) (short video)

[When Success Leads to Failure](#) (blog post)

[Five Critical Skills to Empower Students in the Digital Age](#) (blog post)

[Five Best Reasons for Going Gradeless](#) (blog post)

[Three Problems with Traditional Grades](#) (blog post)

[Projects without Borders](#) (article)

[Turing Teaching Upside Down](#) (article)

[Beware of the Test Prep Trap](#) (article)

   Commentary- Don't Ignore Standardized Testing...Think of it as a Genera

[Teaching for Understanding](#) (article)

[Redos, Retakes, and Do-Overs](#) (Rick Wormeli- video)

[What is an Authentic Professional Learning Community](#) (blog)

[Disciplinary Literacy: A Shift that Makes Sense](#) (cross-curricular article)

[Ross Greene & Tony Wagner Discuss Skills Kids Need](#) (45 minute "blog-talk"-starts slow, but gets good)

[On Homework and Responsibility](#) (blog post)