

# Content

- Experience**
- Personal Experience
  - Hand's On Activities
  - Shared experience

- Knowledge**
- Teacher Knowledge of Subject Matter
  - Student Knowledge
  - Observations
  - Knowledge of Theories, Processes and Facts

- Standards**
- Common Core Standards
  - Next Generation Science Standards
  - National Education Technology Standards
  - Nationals Teaching Standards

- Content Text**
- Expository Text
  - Informational Text
  - Textbooks
  - Periodicals - Magazines, Newspapers
  - Primary Source Documents - Originals
  - Literature
  - User Guides/ Manuals

- NewsEla
- Websites
- Access to Primary Sources
- Appropriate tools for subject area
- content dictates tech or tech dictates content?

- Fluency of Information Technology (FITness)**
- Understand technology in a broad sense
  - Recognize relevance
  - Adapt to Changes in Tech
  - Open-Ended interaction with technology.

- "Old" Technology (Analog)**
- Pens/Pencils
  - Overhead Projectors
  - Whiteboards
  - Videos
  - Cameras

# Pedagogy

- Strategies**
- Project Based Learning
  - Collaborative Groups
  - Direct Instruction
    - GLAD Strategies
    - Socratic Circles
  - Philosophy Chairs
  - Writer's Workshop
  - Depth of Knowledge Questioning

- Pedagogical Knowledge**
- Class Management
  - Knowing your audience
  - Lesson Planning
  - Student Assessment
  - Knows how students learn
  - Understanding of cognitive, social and developmental theory as they apply to students.

- Google Docs - Collaborative learning online
- Email
- Different applications of technology depending on need
- Technology is used based on context and purpose

- 21st Century Technology (Digital)**
- Tablets
  - iPods
  - Computers
  - Mobile Phones
  - Chrome books
    - Online Tools
    - Interactive Whiteboards

# Technology

**TPACK**

- Online Learning
- "continually creating, maintaining, and re-establishing a dynamic equilibrium among all components." (Kohler, Mishra, 2009)
- Apply good educational theory of standards supported by technology

By Debbie Eitner