

### AUTHENTIC LEARNING AND TEACHING

Authentic Components

What Students Are Doing...

What Teachers Are Supporting...

# Construction of Knowledge

synthesizing generalizing explaining analyzing

- higher-order thinking
- manipulation of information and ideas
- construction of new meaning or understanding

# Disciplined Inquiry

making distinctions
raising questions
hypothesizing
reasoning
debating
supporting

#### **Substantive Conversation**

- sustained conversation
- -discipline-based academic chatter
- -sharing of ideas
- -dialogue builds coherently on participants' ideas
- -working toward collective understanding

### **Meaningful Questions**

- organized by essential questions
- -complex understating using reasoning and support
- -sustained focus on single topic
- -understanding of the problematic nature of some ideas/concepts

### Value Beyond School

advocating
applying ideas
assisting
performing
creating

- connection to actual situations or experiences
- exploring in a way to allow personal meaning and significance
- real-world applications

## Student-Centered Learning

developing choosing justifying generating evaluating

- student ownership
- focus on personal experience
- support use of prior knowledge
- shared control
- allowing & encouraging autonomy