

**Academic Rigor  
in a Thinking  
Curriculum**

**Clear  
Expectations**



**Socializing  
Intelligence**

**Accountable  
Talk**

**PRINCIPLES OF LEARNING®**

## Nine Principles of Learning:

- Academic Rigor in a Thinking Curriculum
  - Accountable Talk
    - Socializing Intelligence
    - Clear Expectations
      - Self-Management of Learning
      - Learning as Apprenticeship
      - Fair and Credible Evaluation
      - Organizing for Effort
      - Recognition of Accomplishment

**Research shows “that students who, over an extended period of time are treated as if they are intelligent, actually become so. If they are taught demanding content, and are expected to explain and find connections as well as memorize and repeat, they learn more and learn more quickly. They think of themselves as learners. They are able to bounce back in the face of short-term failures.”**

**-Making America Smarter  
Lauren Resnick, 1999**

## **Clear Expectations**

**If we expect all students to achieve at high levels, then we need to define explicitly what we expect students to learn.**

**These expectations need to be communicated clearly in ways that get them "into the heads" of school professionals, parents, the community and, above all, students themselves.**

## **Clear Expectations**

## **Clear Learning Standards for All Students**

Standards are available to and discussed with students  
Standards are visible in models of student work

## **Students Know and Use the Learning Standards**

Students can explain what they are learning and why  
Students judge their work compared to the standards  
Students know when they have and have not met standards

## **Families and community are informed about the standards and about student accomplishment**

Learning standards are communicated (refrigerator curriculum)  
Good work is displayed for families and community  
A reporting system exists that explains how students are doing in relation to the standards

# **Clear Expectations**

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