

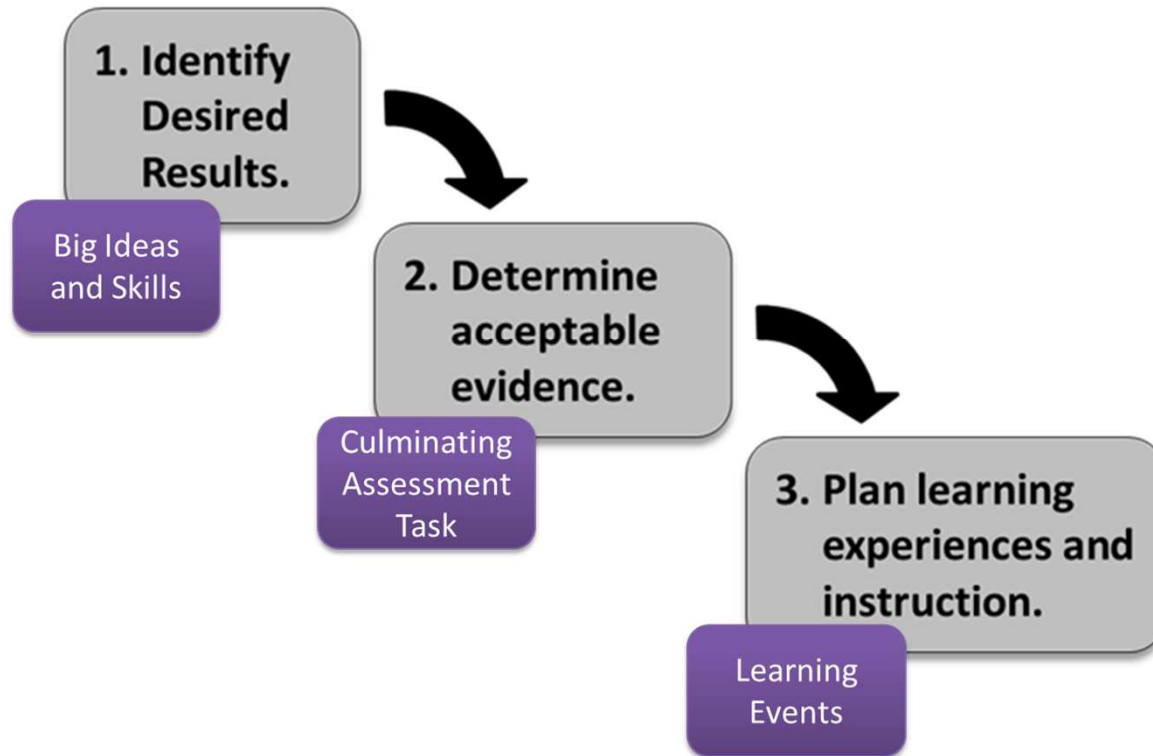


Board of Education  
February 25, 2016

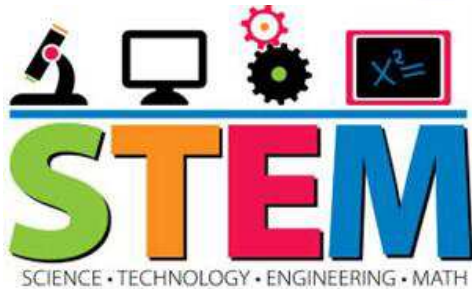


Video: Lisa Parisi    Audio: Adam Dugger

# Backward Design



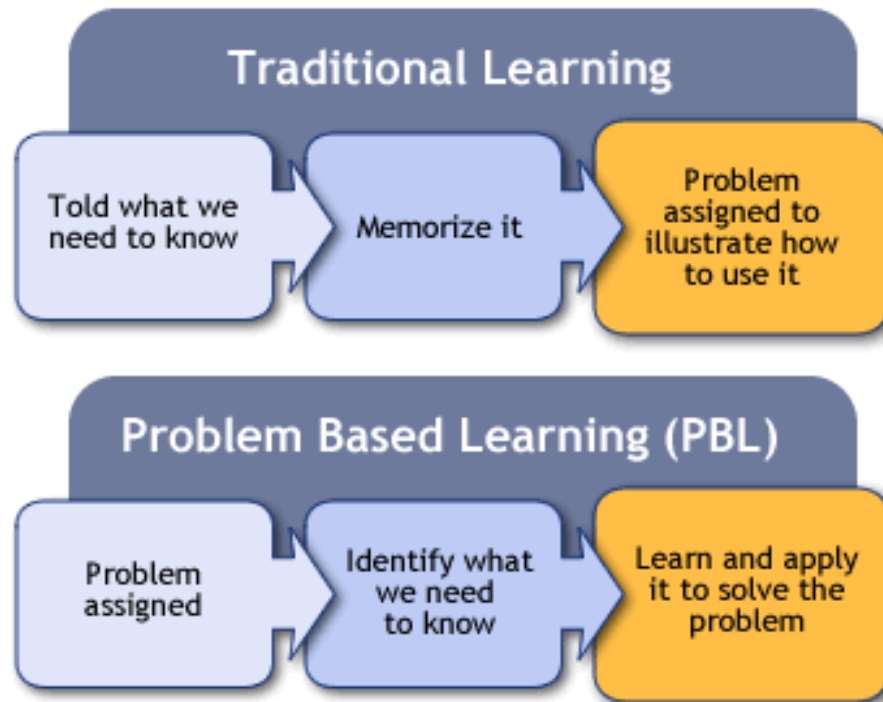
Wiggins, G. P., & McTighe, J. (2005). *Understanding by design*. Association for Supervision & Curriculum Development.



## Mission

The Herricks School District, a Community of Learners, through its educational programs, **promotes intellectual curiosity and creative expression, values diversity, and measures success by one's personal development and contributions to society.**

# Project-Based Learning (PBL)



# A continuum of learning

## APB Instructional Approach



# PLTW | Launch

Intro	Introduction
1	Activity 1: Energy
2	Activity 2: Potential and Kinetic Energy
3	Activity 3: Speed and Energy
4	Project 4: Energy Transfer in Collisions
5	Problem 5: Vehicle Restraint Design
KT	Key Terms

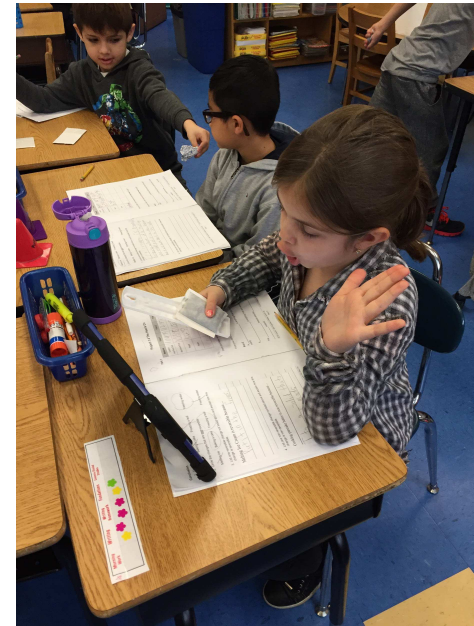




## 1st Grade



## 2nd Grade



## 3rd Grade



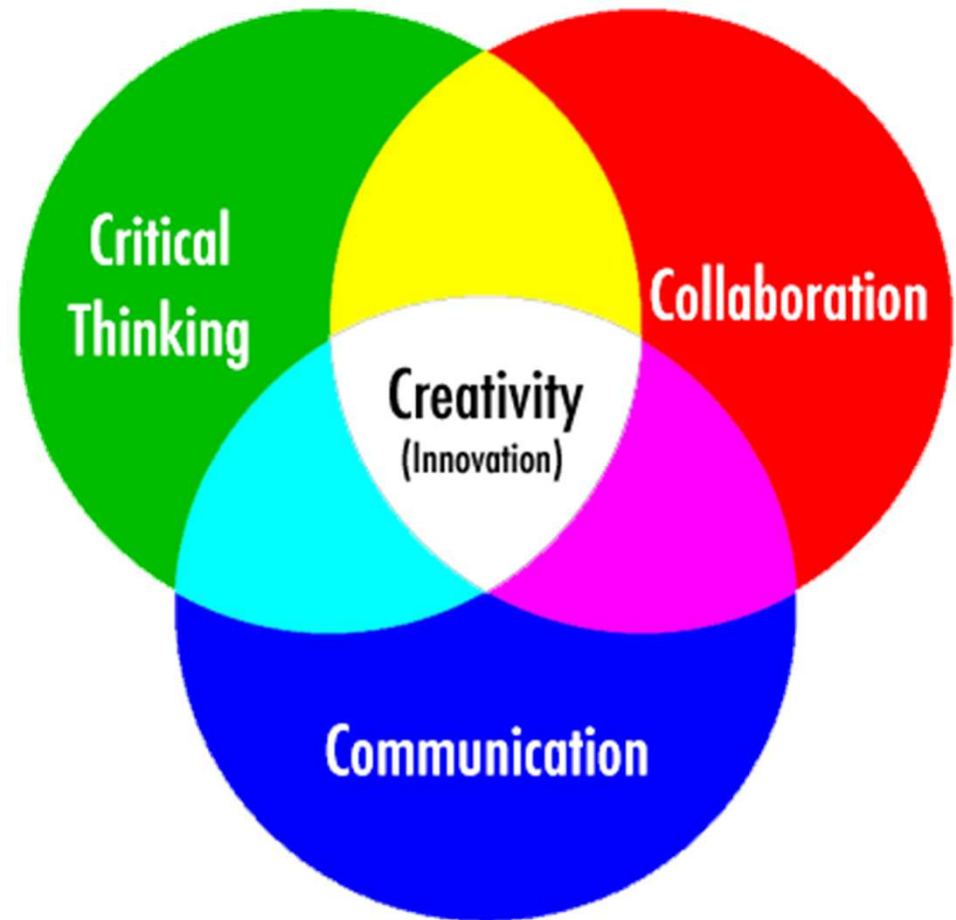
## 4 Cs

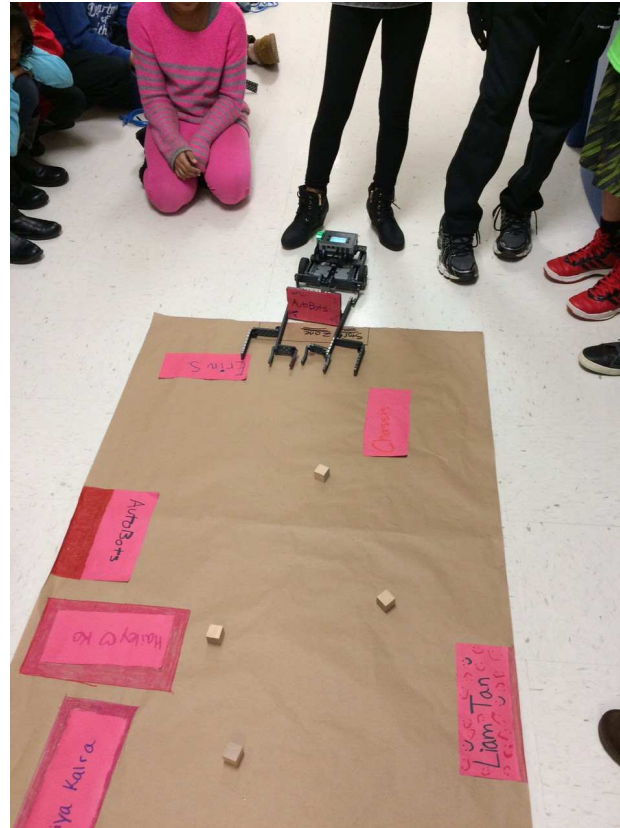
Critical Thinking

Communication

Collaboration

Creativity





## 4 Cs

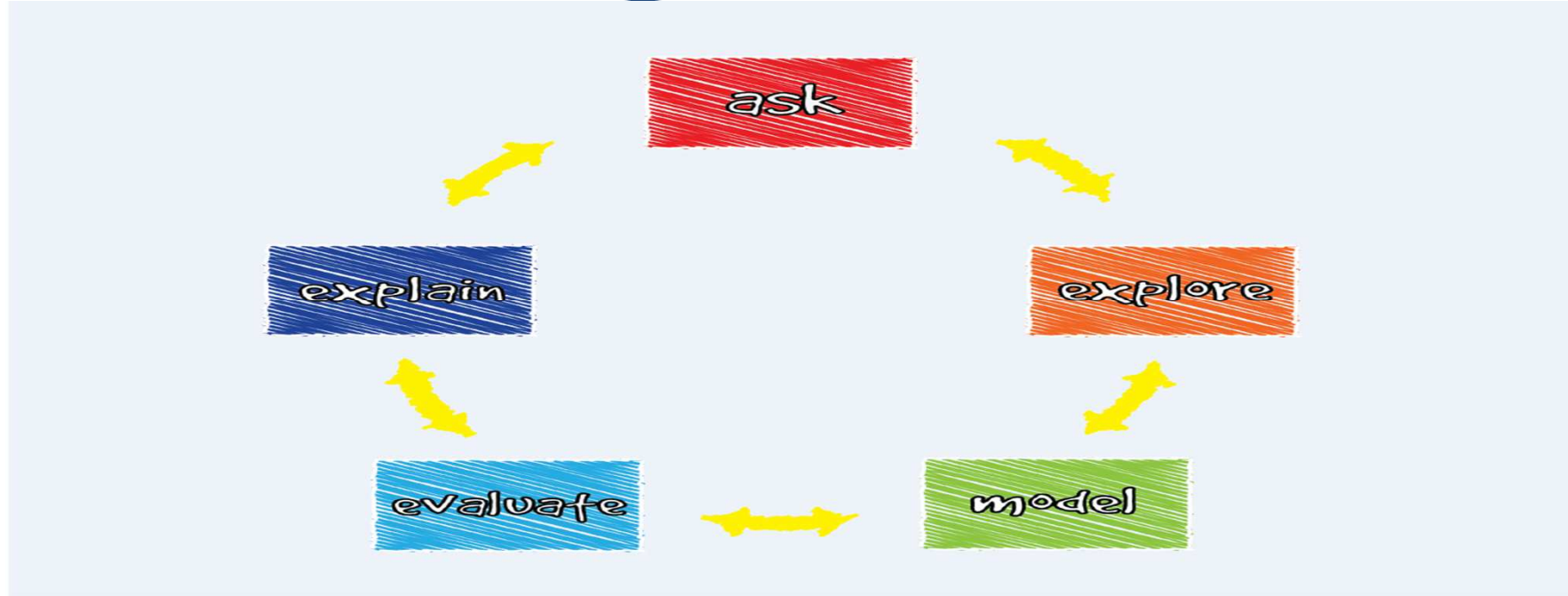
**Critical Thinking**

**Communication**

**Collaboration**

**Creativity**

# Design Process



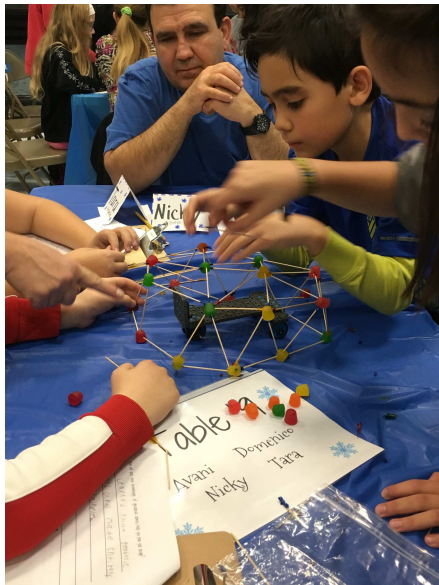


**Kindergarten: Structure and Function**

# Design Challenges



A new way of thinking...



# Transfer and Coherence Across Curriculum

