

# Stimulating Creativity

PREPARING STUDENTS TO LEARN & THRIVE IN THE HUMAN ECONOMY

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## CHANGE

HUMAN ECONOMY

From an

- ▶ Industrial Economy — where we hired hands
- ▶ To a Knowledge Economy — where we hired heads
- ▶ To a Global Human Economy — where we hire hearts.

—Dov Seidman



## CURIOSITY

CRITICAL TO ACADEMIC PERFORMANCE

When joined together, curiosity and initiative have as powerful an effect on performance as intelligence.



## ENGAGEMENT

PROBLEM/SOLUTION-BASED LEARNING

“In order to prepare young people to do the jobs computers cannot do, we must refocus our education system around one objective — giving students the foundational skills in problem solving that computers can’t do.”

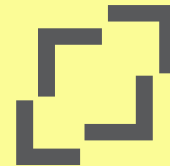
—Frank Levy,  
Richard Murmane



## FLOW

STIMULATES CREATIVITY

Students are engaged in flow when they are deeply absorbed in what they are doing, when time passes unnoticed, and when they experience significant satisfaction from their work.



## SOLUTIONS

TO OPEN-ENDED PROBLEMS

- Inspire students to research more information for understanding the problem than is initially given.
- Provide multiple solution paths.
- Generate interest and cause the learner to ask additional questions.
- Encourage collaboration and stimulate complex thinking.
- Contain content and support skills and concepts that are authentic to the discipline.

“Students who will have the greatest success in the future are those who can connect seemingly unrelated ideas; who recognize patterns in apparent disorder; who make meaning from that which at first appears meaningless; who see the big picture; and who know how to care, nurture, and empathize.”

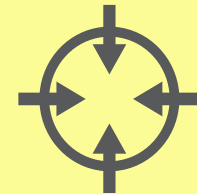
— Connie Kamm



## AUTHENTICITY

REAL-WORLD PROBLEMS

Students determine questions, design a plan of action, and organize their research to present an authentic solution for a specific audience.



## FOCUS

PROVIDES FREEDOM

A framework for the creative process can help students focus their work, without stifling their creativity.