

# Innovation in Education

Paul Kimmelman, Senior Advisor

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## National Call for Innovation

- Race to the Top/Innovation Fund
  - Really complex, challenging work.
  - Won't be easy but the rewards can be substantial
- Project Reimagine
  - Right title for the right work



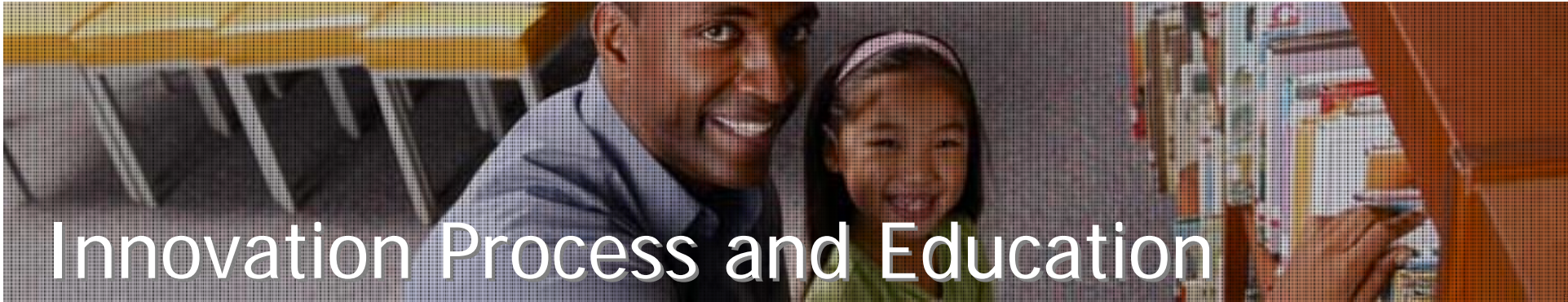
# What is Innovation?

- What innovations do you use on a daily basis?
  - Do they make your tasks easier?
  - Do you often say, “I wish I had thought of that?”
- Complex vs. Simple
- New solutions to ongoing problems that achieve improved results
- Collectively tackling problems/generating ideas that are more complex than the lone designer can imagine



## “Game Changing” Innovations

- Cup holders in your car
- TV remote control
- Luggage with wheels
- Tivo
- The Internet
- Laser Eye Surgery



# Innovation Process and Education

- First step: Defining the problem
  - Being genuinely inspired to solve it
  - Define the problem in a different way
  - Include new voices when defining the problem
    - Innovation teams
    - Various stakeholders and perspectives



# Innovation Process and Education

- Second step: Analyzing the problem in new and different ways
  - Include new data for analysis
  - Include different perspectives and voices



# Innovation Process and Education

- Third Step: Generate, test and refine ideas
  - Idea 1
  - Idea 2
  
- Fourth Step: Implementation
  - Build a prototype



## Considerations

- Compliance requirements shouldn't interfere with leading and innovating for success
- Don't throw out what has been done; innovation means "reimagining how it could be done better." Remember the suitcase with wheels.
- Think about the roles of various stakeholders in your education system
  - How can teachers be given more authority and responsibility to generate new ideas and solutions to your most vexing challenges



# Inspiring Innovation

- Innovation has been used effectively in other sectors
  - The processes they have used can inform education innovation
- Michigan Automobile Industry
  - Global perspective to making cars that are competitive in both style and price
  - “Creating a stronger, new GM”
  - Saturn and Roger Penske-imagine what he might do



- As you ***Reimagine Michigan***, think about bold, new, transformational thinking that will lead to successful results.
- Think in the context of the Apollo XIII team that had the mindset that "Failure is not an option".
- Good luck in your quest for excellence.



**Paul Kimmelman**

**P:** 630-649-6500 > **F:** 630-649-6700

**E-Mail:** paul.kimmelman@learningpt.org

1120 East Diehl Road, Suite 200  
Naperville, IL 60563-1486

**General Information:** 800-356-2735

[www.learningpt.org](http://www.learningpt.org)