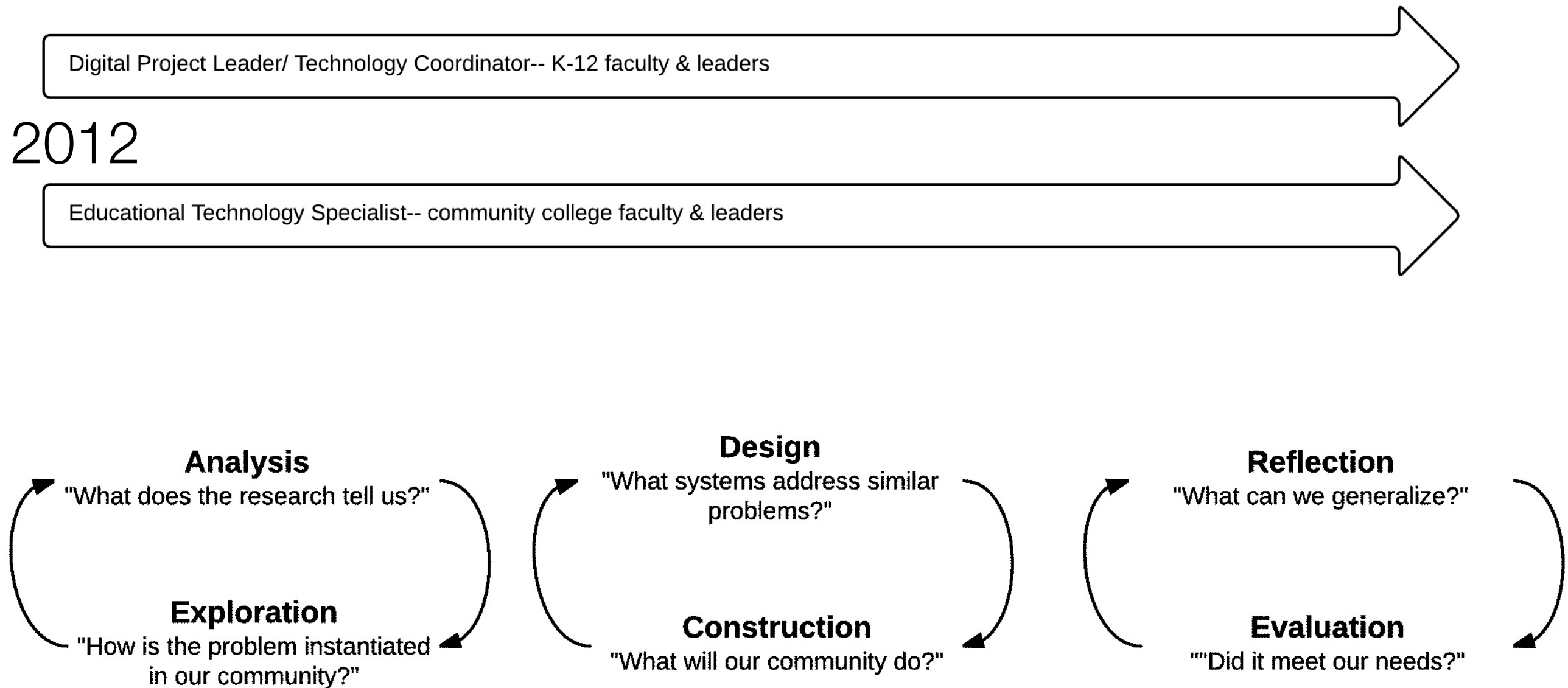


Planning and Leading for Innovative Technology

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The Story of the Data- 1 of 3

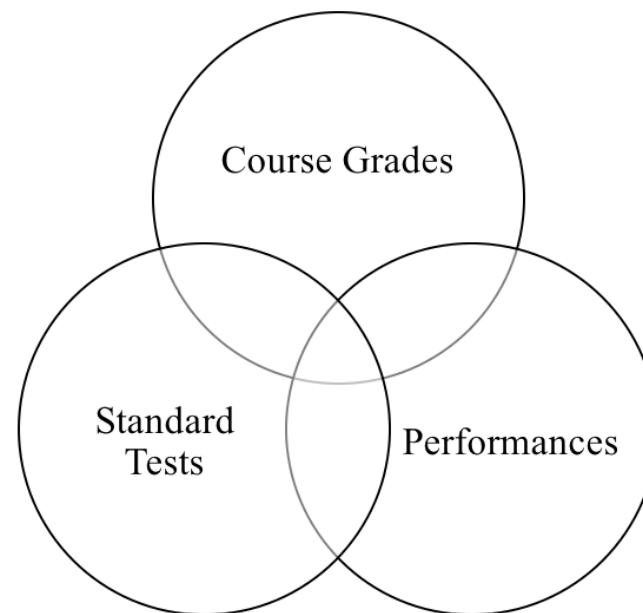


McKenney, S., & Reeves, T. (2012). *Conducting educational design research*. New York: Routledge.

[See this blog post...](#)

The Story of the Data- 2 of 3

- Technology in Support of Diverse Assessment
[presentation](#) - [paper](#)

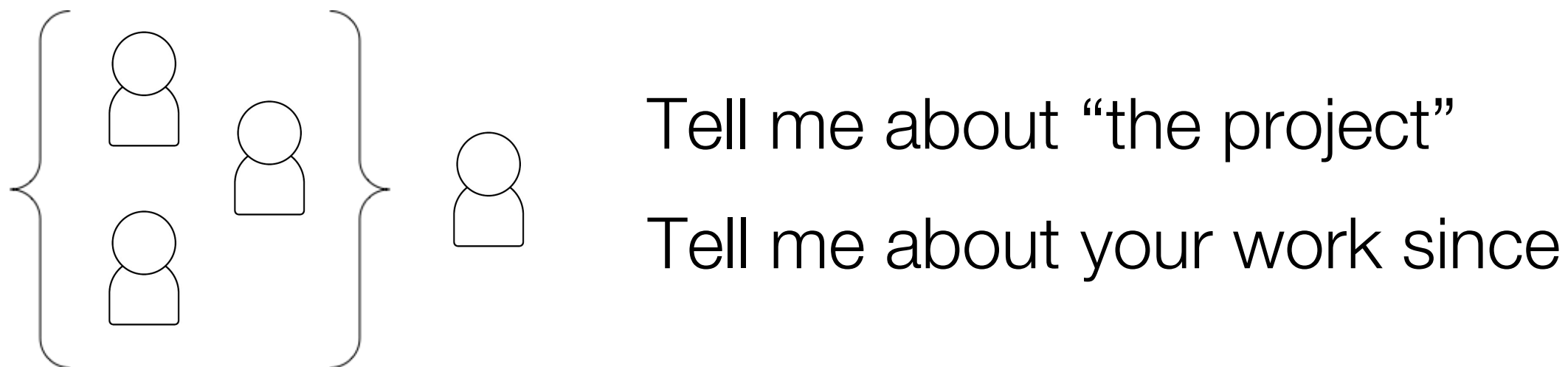


- Open Source Learning in Rural Communities
[chapter](#)



The Story of the Data- 3 of 3

- Qualitative Data
 - Failed to Meet Inclusion Criteria/ Unpublished
-



Unpublished... proposals accepted...

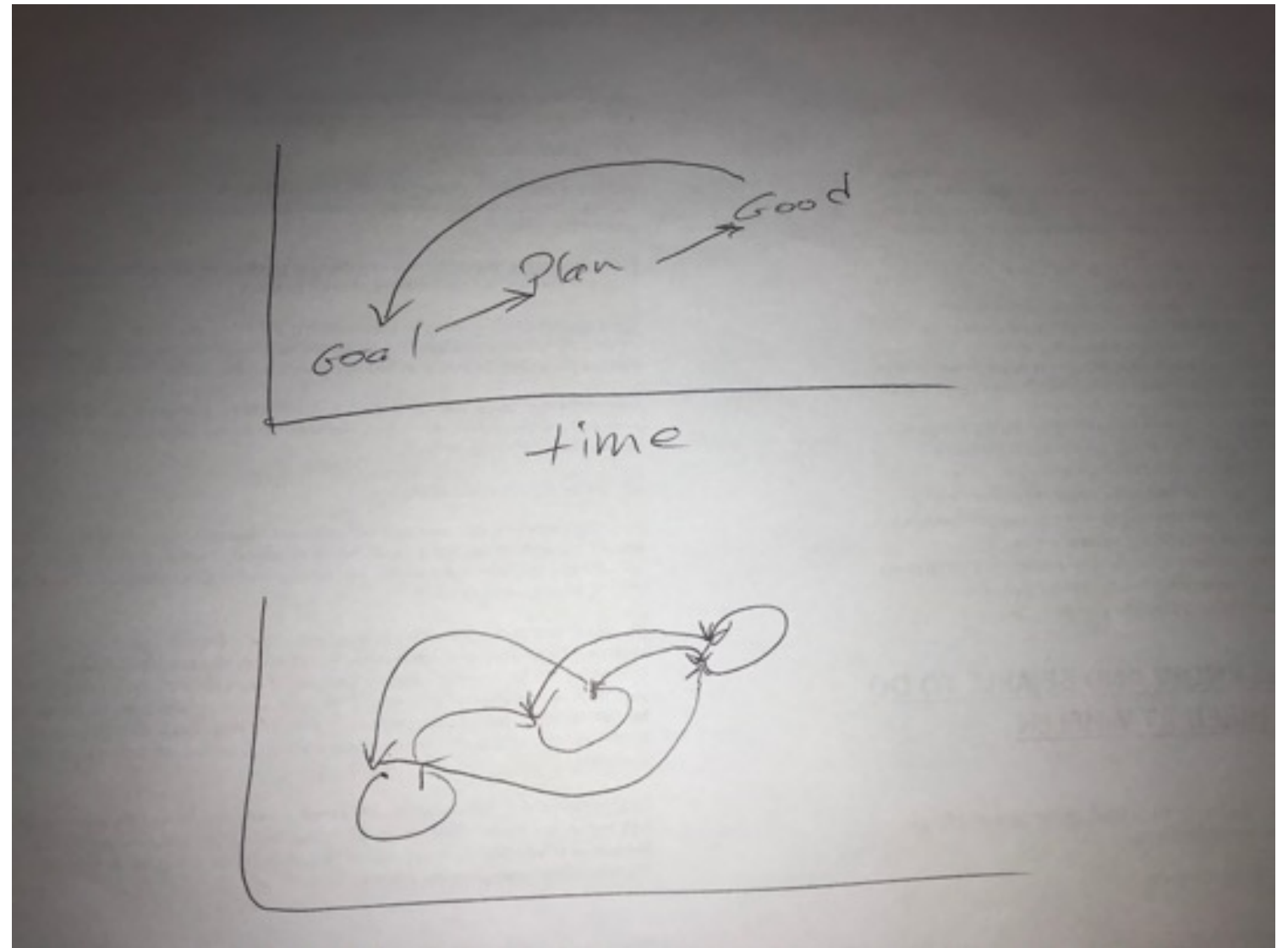
What Appear to be Findings...

- Educational Design Research is “Different”
 - ... Iterations
 - ... Naturalistic
 - ... Perspectives on Data
- Diffusion of Innovations
 - ... Innovations the Diffused
 - ... Innovators & Early Adopters

EDR- Iterations 1 of 3

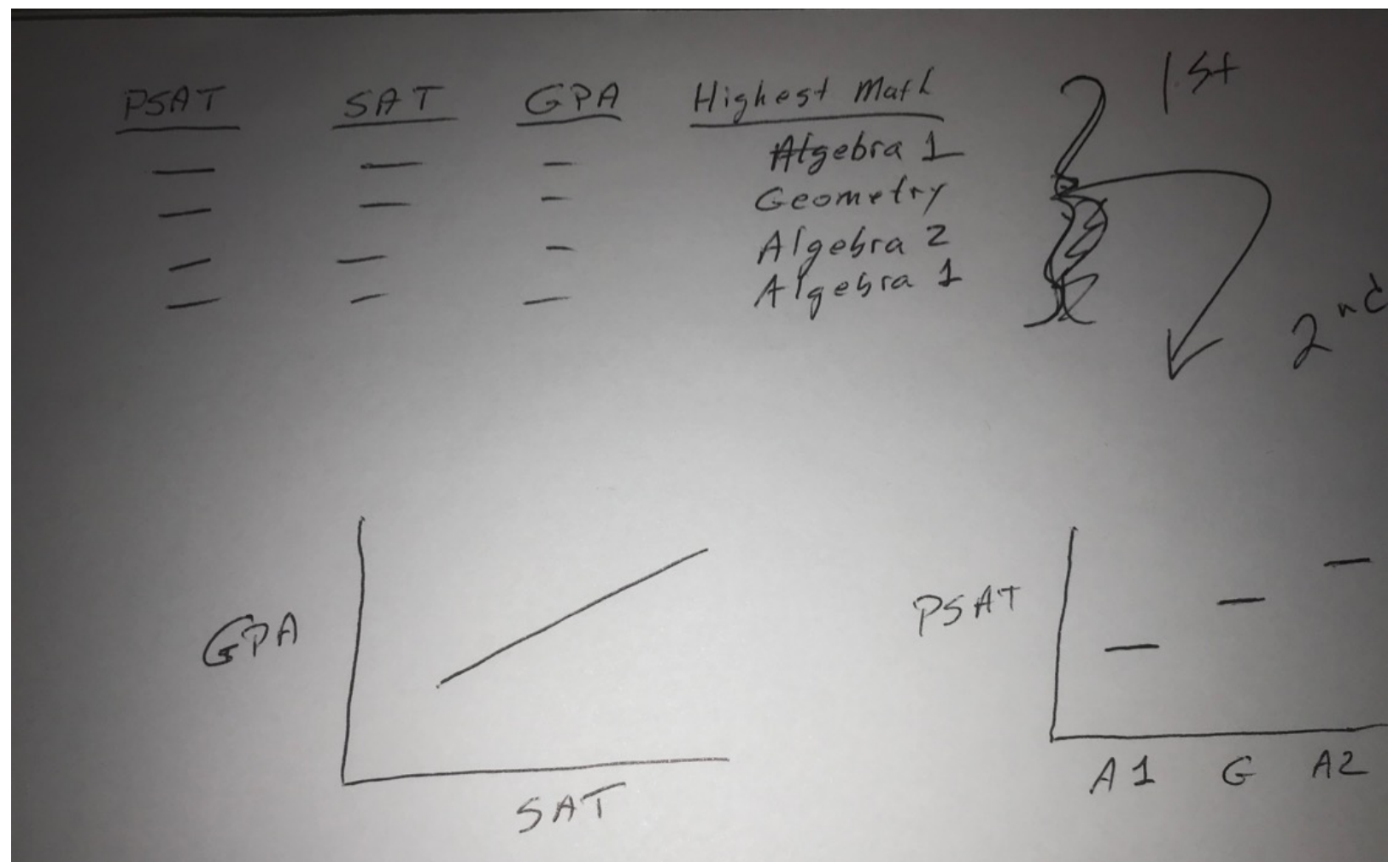
- “I learned a linear process. Set a goal, implement your plan, evaluate.”

- Points of Entry
- Stopping



EDR- Iterations 2 of 3

- “As I read, I understood what we needed and that led me to read more and more deeply.”
- “I didn’t really know what we needed until we had a prototype.”



EDR- Iterations 3 of 3

- “I had permission to fail, in the middle... then to restart.”
- “We proceeded step at a time... never starting over.”

 Suite

 Suite



 Suite



 **mahara**

EDR- Naturalistic 1 of 2

- Known, predictable...



- My reality...

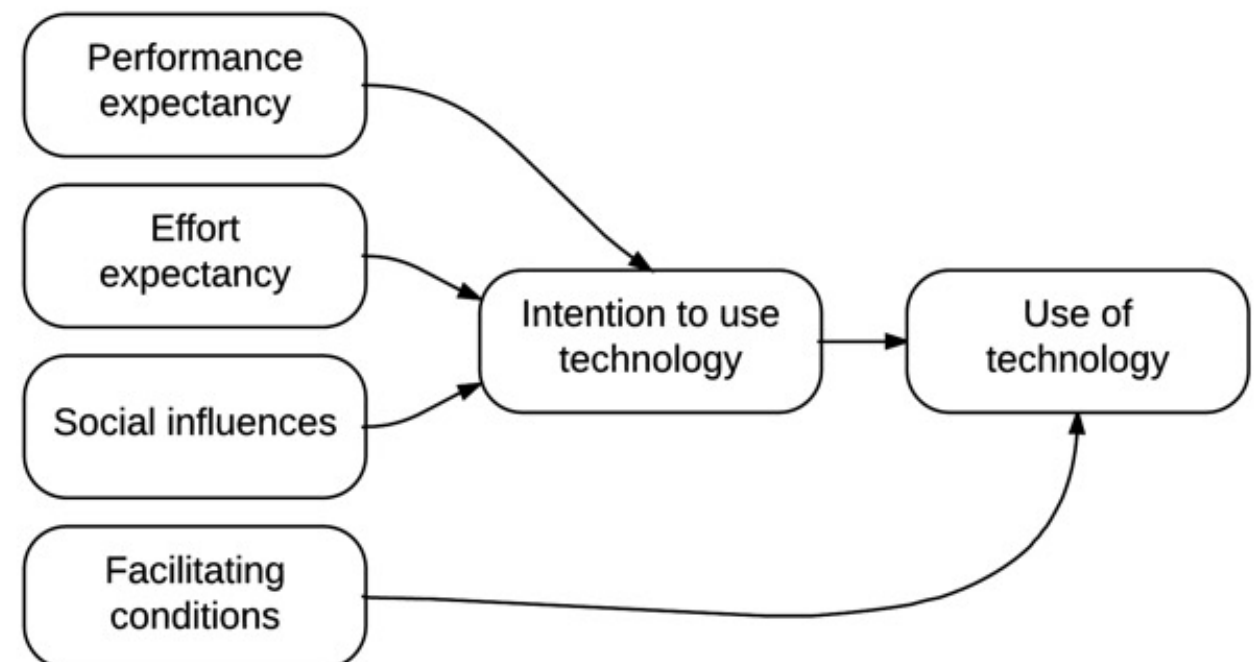
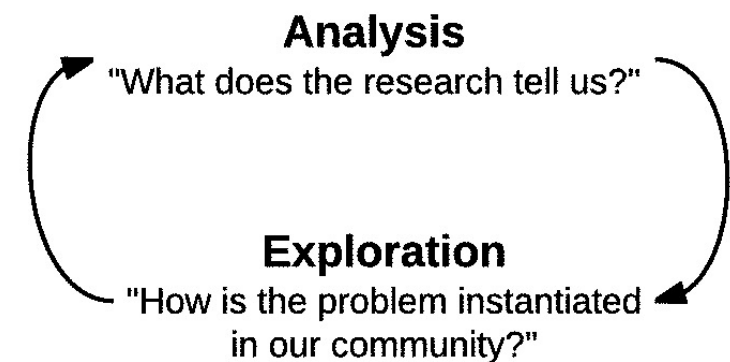


EDR- Naturalistic 2 of 2

- “We had no extra money, so we could not buy what ‘they’ were selling.”
- “Our tech people devised three plans, our teachers choose the one to deploy.”
- “When we started using it, I realized we had solved the wrong problem.”

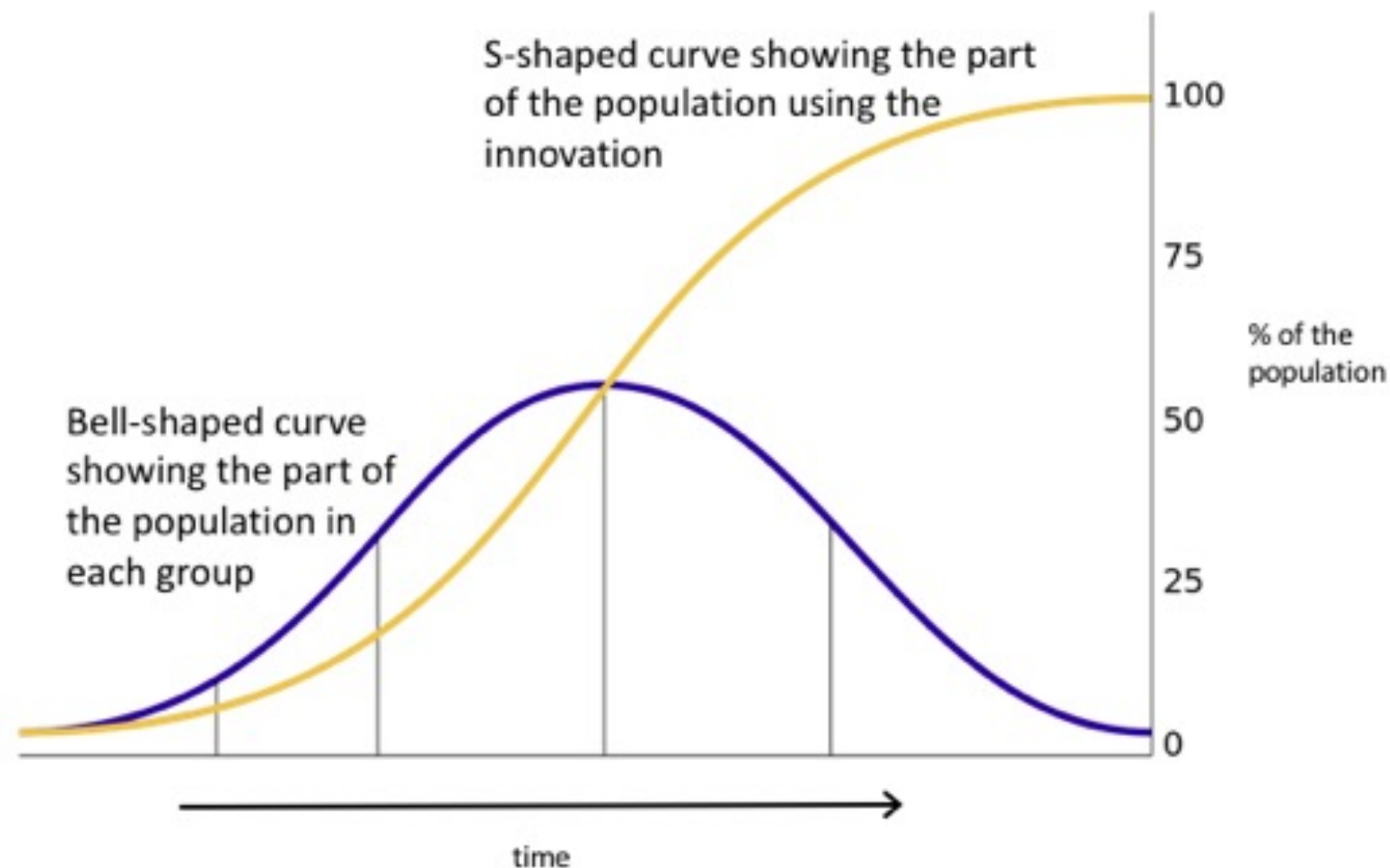
EDR- Data

- “Theory enters the planning. We knew reasons as much as ‘black boxes.’”
- “Conversations focused on ‘this needs to be easier’ or ‘I won’t use that.’”



Diffusion of Innovations

- Change in what we do (transformational)
- Change in how we do it (system★)



Innovations that Diffused

- Efficiency
- Capacity not available otherwise
- Social influences
- Communicated

Cumulative Profiles- Innovator (2)

- Joe (Innovator)
 - Unmet need
 - Partner in crime
 - Highly iterative
 - Active in the process

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 - Unmet need
 - Partner in crime
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Cumulative Profiles- Early Adopter (4)

- Joe (Innovator)
 - Unmet need
 - Partner in crime
 - Highly iterative
 - Active in the process

- Joe (Innovator)
 - Transfer proven technology
 - Focus on local functionality
 - More linear planning
 - Mediator of interaction between IT & education