Integrating Policy, Practice, & Research in An EIR Project

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Background: Playground Physics Program

- Goal: Improve physics learning in middle schools

- What is the program?

  - App

  - Curriculum

  - Professional development for teachers and coaches

  - Online community of practice

Background: Experience with the i3/EIR Program

Timeline & Key Stakeholders

- i3 Development grant in New York City (2012-2017)

- EIR mid-phase project in New York State (2018-2022)

- Program officers-Policy and project management perspective

- Project Partners-Research/practice partnership

  - American Institute for Research

  - NYSCATE (New York State Association for Computers and Technologies in Education)

From the Policy and Management Perspective

- Having access to the EIR policy regulations

  - Management

  - Reporting

  - Budget

  - IRB

  - Dissemination

- Sharing widely with all program stakeholders

- Reviewing them with both your PO and partners

Engaging with PO

- Have the lead-PI be the contact with PO

- Establish both a professional and personal rapport with PO

- Familiarize PO with your project

- Introduce all partners and staff to PO

Engaging with PO (cont.)

- Establish monthly meetings with PO

  - Create the agendas for these meetings

  - Inquiry about grant updates and funding situation

- Share critical challenges

- Seek guidance on unexpected situations

- Provide six-month preliminary reports

- Seek guidance as you write your annual reports

- Require critical review of annual reports

From the Research-Practice Perspective

- Managing partnership
  - Create short version of scope of work for each year
  - Clear roles and responsibilities among project partners
    - Project institution lead
    - Project team leads
    - Each institution project team
  - Consistent weekly and biweekly meetings
    - Create meeting agendas
    - Issue-oriented meeting agendas
    - Review action-steps
    - Use them to plan ahead

From the Research-Practice Perspective (cont.)

- Developing and implementing innovation in real schools

- Practice expertise:

  - Program design – pedagogy and education technology

  - Local knowledge about teaching and learning

  - Ongoing support

- Research expertise:

  - Recruitment strategies

  - Fidelity of implementation study

  - RCT study

  - Evaluation technical assistance

Contact Information

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