A Research Agenda...
Get Started on Research
Student Surveys

https://www.surveymonkey.com/s/oDREAMS_SMSpre
Student Surveys

• When?
  – Prior to completing first unit with students
  – Last day of implementation of unit with students (or as soon after as possible)

• Who?
  – Your students

• Why?
  – Impact of approach on student motivation

• Note: We also have motivation surveys for math specific courses and Spanish speakers
For a select sample of you...
Lesson Logs
Lesson Logs

• What are they?!?
  – Brief, online response (10 min)
  – Three parts
    • Pace & progress
    • Implementation
    • Highlight(s)

• When?
  – Starting midway through a unit
  – After last lesson

• Why?
  – Lesson-specific communication with project team
  – Connect student work to in-class experiences
  – Support implementation issues that emerge
Please describe the parts of the lesson in which you added, deleted, or changed the order of activities in the lesson, compared to your original plans.

Please note modifications in the relevant text boxes below:

- Additions
- Deletions
- Changes in the order of activities
- Other changes
Critical moments or events in classroom (part a)

Select one or more of the following prompts to indicate any noteworthy events in today’s lesson (e.g., student insights, teacher insights, challenges overcome, unexpected events [good or bad], etc). Use the text box in #9 (part b, below) to describe the event(s) in more detail:

- the lesson or part of the lesson went exceptionally well, unusually high engagement
- something surprising occurred
- students who are usually not engaged, are showing strong interest
- students seemed to comprehend an idea that had previously been troublesome
- student misconceptions emerged
- a student offered an unusual or unexpectedly sophisticated strategy
- a student’s question caused a modification in the lesson
- Other, please specify
Please rate the following on a scale of 1 (low) to 3 (high):

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<thead>
<tr>
<th></th>
<th>Low</th>
<th>Typical</th>
<th>High</th>
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<tbody>
<tr>
<td>Level of student</td>
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<td>frustration</td>
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<td>Student requests</td>
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<td>for help or support</td>
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<td>Student engagement in</td>
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<td>activities</td>
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<td>Student-to-student</td>
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<td>interaction</td>
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Interviews

• **When?**
  – Scheduled via email
  – Generally, after completing one or more SGD units with students (or teachers)

• **Who?**
  – Teachers
  – Training Facilitators
  – School Admin

• **Why?**
  – Document emerging related initiatives
  – Implementation successes and challenges
Classroom Observations
Classroom Observations

• When?
  – Scheduled via email

• Who?
  – Teachers implementing SGD units
  – Most will be geographically convenient to either CU-Boulder or SRI research team

• Why?
  – Pedagogy in process
  – Document other implementation issues
Questions?