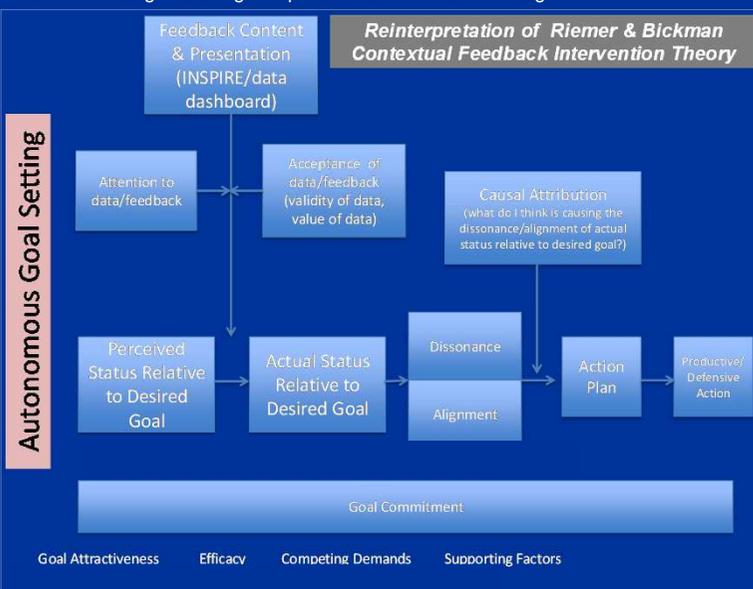


Background

- There is a need for actionable data on prevention implementation and outcomes as interventions go to scale
- **Current data systems typically focus on compliance & accountability, rather than CQI & practitioner behavior change**
- Simply making data available may not influence decision-making and practice, and may produce potentially iatrogenic defensive responses
- The “state of the field” suggests a need for a dashboard **designed to promote teacher motivation** for high quality implementation.

Logic Model for Dashboard Design

- Multiple personal, contextual, and data factors influence how a practitioner will respond to data feedback (productive or defensive action)
- Practitioners must be presented with data, pay attention to it, and consider it valid and valuable
- Data that inform the provider of their current status relative to their desired goal provide a basis for understanding if goals are being achieved, and what types of actions may be needed
- Practitioners will be more likely to take productive action in a context of autonomous goal setting and personal commitment to the goal



Screenshots & Logic Model Components



PATHS™ Set Up

Below are a list of areas in which you can choose to set goals for yourself during implementation of PATHS in your classroom.

Select an area in which you want to set a goal.

Then set your goal amount on the slider that will appear to the right.

Autonomous Goal Setting, Goal Commitment
The teacher should be able to select from an array of meaningful goals bounded by the context of the dashboard's purpose.

70% of the time

Actual Status Relative to Desired Goal
The dashboard should provide dynamically updated goal status, relative to the goal selected.

79% of the time

The goal you set at the beginning of the intervention.

Class performance continues to improve

Attention to Data, Acceptance of Data
Teachers are especially interested in tracking progress of individual youth. The dashboard should provide a class and individual level data. Dashboard should enable clear understanding of how data are derived.

Improvement is still needed in these areas:

Verbal Altercations	Lesson 1: 2	Lesson 16: 4
Physical Altercations	Lesson 1: 1	Lesson 16: 2

Action Plan, Productive/Defensive Action
The dashboard should provide multiple possibilities for productive action – to improve skills, or share successes within a learning community. Teachers should be able to directly access resources and community.

Following these tips will help you teach your goal.

Tip relating to adherence and the specific lesson that is being taught this week... More

Hints from other Teachers

This is a difficult lesson for a lot of students. The pace is a bit slow, so I sped things up by encouraging students to work in groups... More

Focus Group Goals

- Fifteen elementary and middle school teachers participated in focus groups designed to discover:
 - How teachers use data in their daily lives
 - What curriculum platforms they
 - What data are most important for them to access quickly and easily
 - The barriers they encounter in using data and curriculum technologies

Emergent Themes

Data-use:

- Teachers strongly value individual youth data over summary of overall class performance
- Teachers and students enjoy “seeing” progress in charts, trajectory graphs
- Tips and insights from teacher peers are preferred over other sources (e.g., teacher focused website)
- One or two simple data formats are preferred over multiple, redundant presentations of the same data

Barriers:

- “Big Brother” concerns with school-sponsored, curriculum management platforms
- Rarely receive enough preliminary training, ongoing training and support in platforms
- Lack of flexibility in curriculum for pacing to youth

Next Steps

1. Develop tutorial videos on dashboard features, such as goal-setting, progress monitoring, accessing resources and the learning community
2. Evaluate teacher attitudes towards this theoretically-informed dashboard relative a text-based report, and a graphically appealing but not theoretically informed report
3. Conduct focus groups and observations of teachers' reactions to this dashboard