



Using the Plan-Do-Study-Act Feedback Loop to Improve Engagement in Research and Education

Introduction

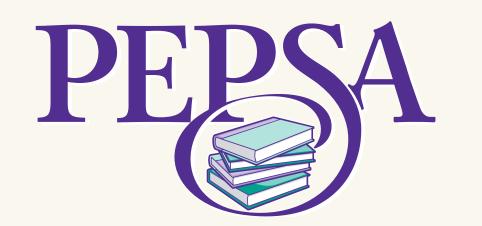
Technology seems to be the logical choice for effective and culturally relevant outreach, engagement, and curricula for persons with disabilities, trainees, and other stakeholders. It is efficient, interactive, and can be designed to address complex needs. However, technology may not meet all needs.

FCIC initiated a technology work group and used the plan-do-study-act model to review and revise the use of a mixture of technologies that addressed communication, training, and data collection for a variety of FCIC programs. Challenges and key lessons that informed project improvement were identified in the study and act phases.

FCIC Technology Group

Pilot Survey for Aging Caregivers





Family Café

Community Advisory Committee



Interdisciplinary Training

FloridaHIPPY

PLAN

I. Identify Need/Function

- Interactive
- 2. Easy to Use
- 3. Storage for Deliverables
- 4. Increase Efficiency
- 5. Cost Effective

II. Review Technological Tools

- 1. Learning Management Systems (e.g. Wiki pages, Blackboard, Google, Moodle)
- 2. Online Module Platforms (e.g., Adobe Connect, Captivate, Camtasia, Adobe Presenter)
- . Forums (Online and Community Conversations)
- 4. Online Material Sharing for Conferences (handouts and power points)
- 5. Website Technology
- 6. Questionnaires and Surveys (High vs low Tech)
- 7. Tablet and Mobile Technology (e.g. survey research)
- 8. Newsletters
- 9. Social Media (Twitter, Facebook, Pinterest)
- 10. Online Event Registration (EventBrite)
- 11. Data Collection in Field and State-wide
- 12. Conferencing Platforms (e.g., Skype, AdobeConnect)

III. Plan for Accessibility (ADA Compliance)

CHALLENGES Fully Online ADA Compliance 02/01/2014 12:00 AM Automatic registration & Certificates Module Employment webinar included Adobe Connect module Online modules Delivery available to community closed captioning & interpreter with survey & certificate Systems Hybrid Module Ease of Use y, October 3, 2014 from 9:00 AM - 4:30 PM State-wide mentoring ented by Dr. Merrill Winston, the am session will focus on strategies schools car PEPSA Regional Training Teacher to Teacher PEPSA Forum & Teacher share Ease Of Use The Florida Center for Inclusive Communities (FCIC) State-Wide Access Forums Accessibility Simple Interface Interactive

Surveys

Conference

Family

Application

Ease of use

Efficiency

Ease of use

User interface

Ease of use

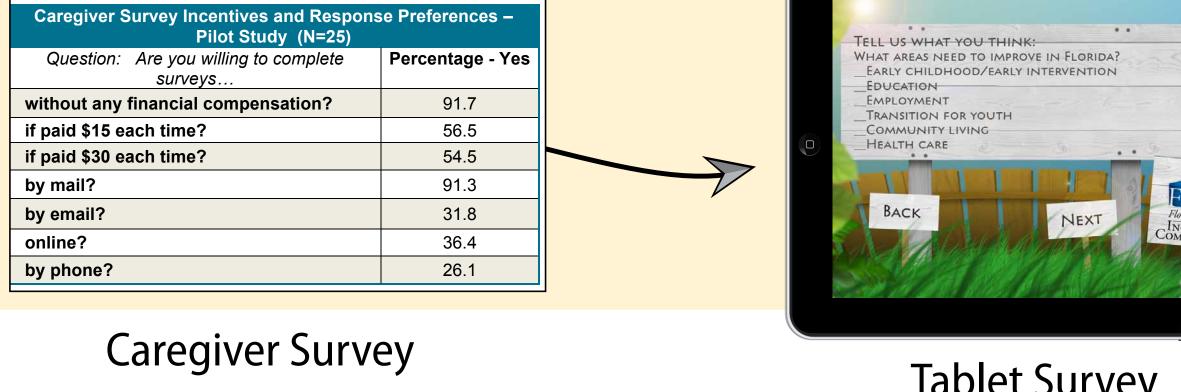
User buy-in

Network & individual correction

Time

Notification

- Access
- Meeting schedule



Florida Center

NCLUSIVE
COMMUNITIES

COMMUNITIES

COMMUNITIES

COMMUNITIES

Florida Center

SOUTH FLORI

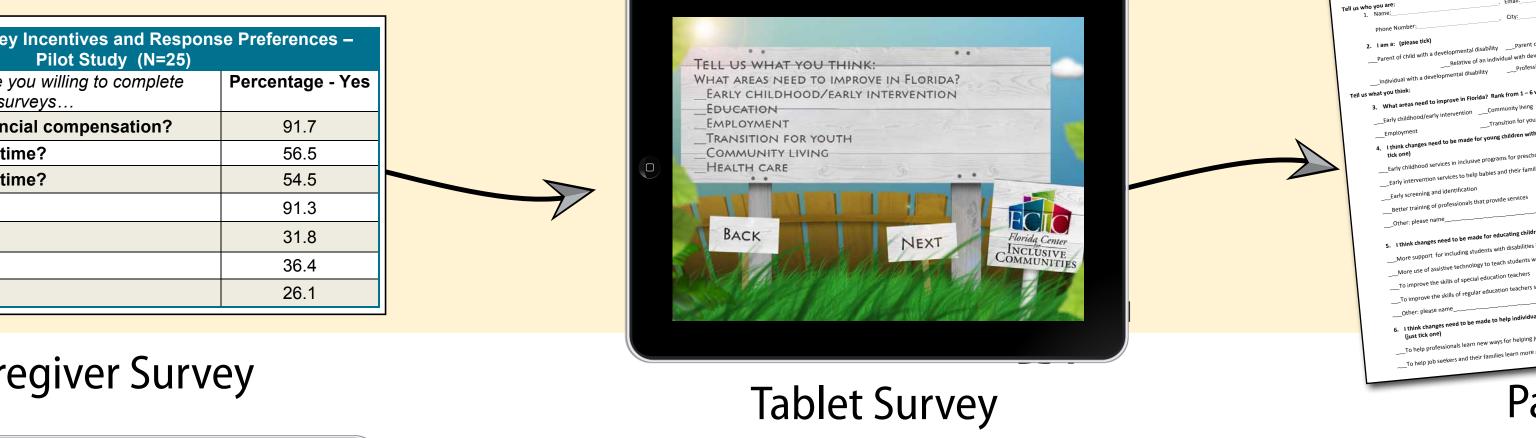
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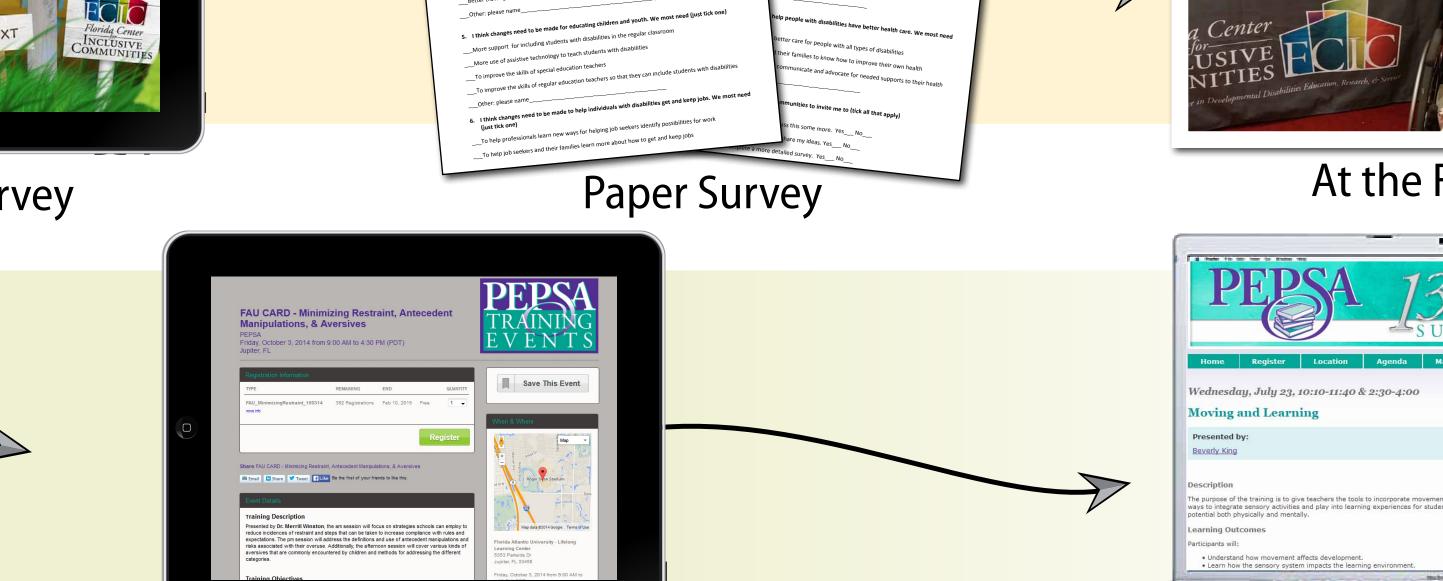
Community forum

invitation

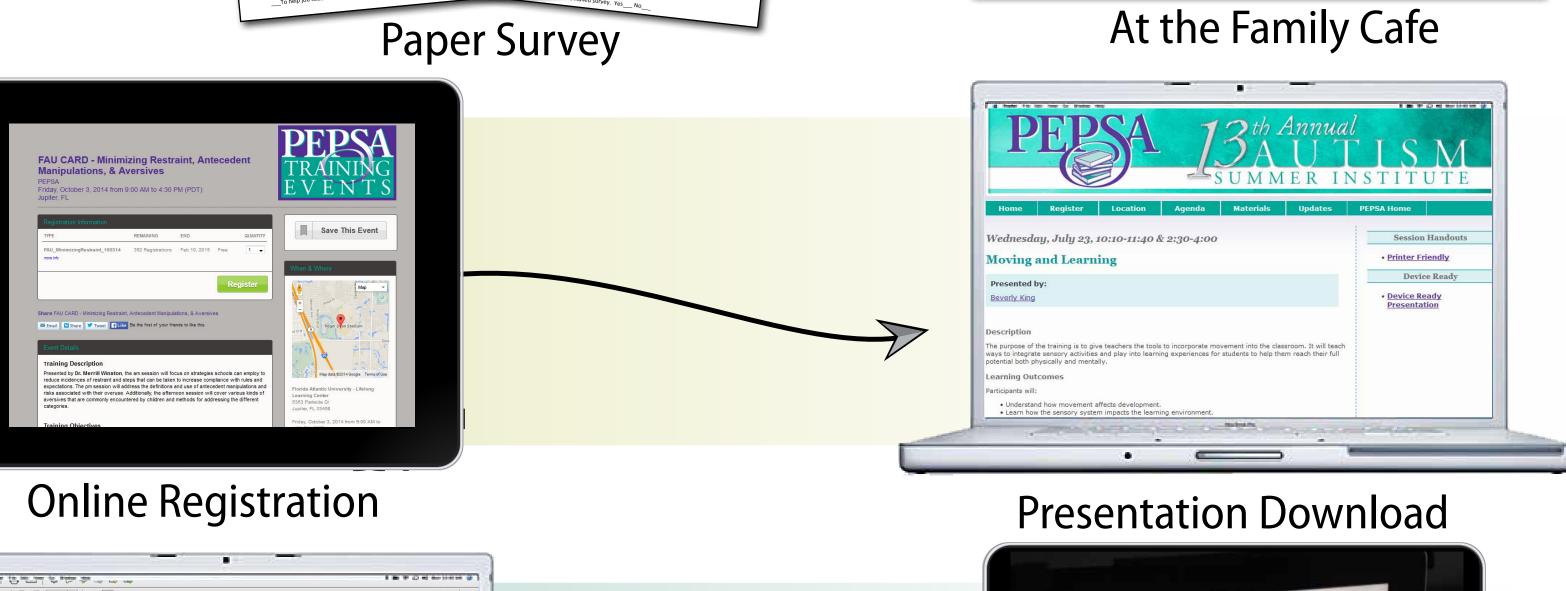
Conference Website

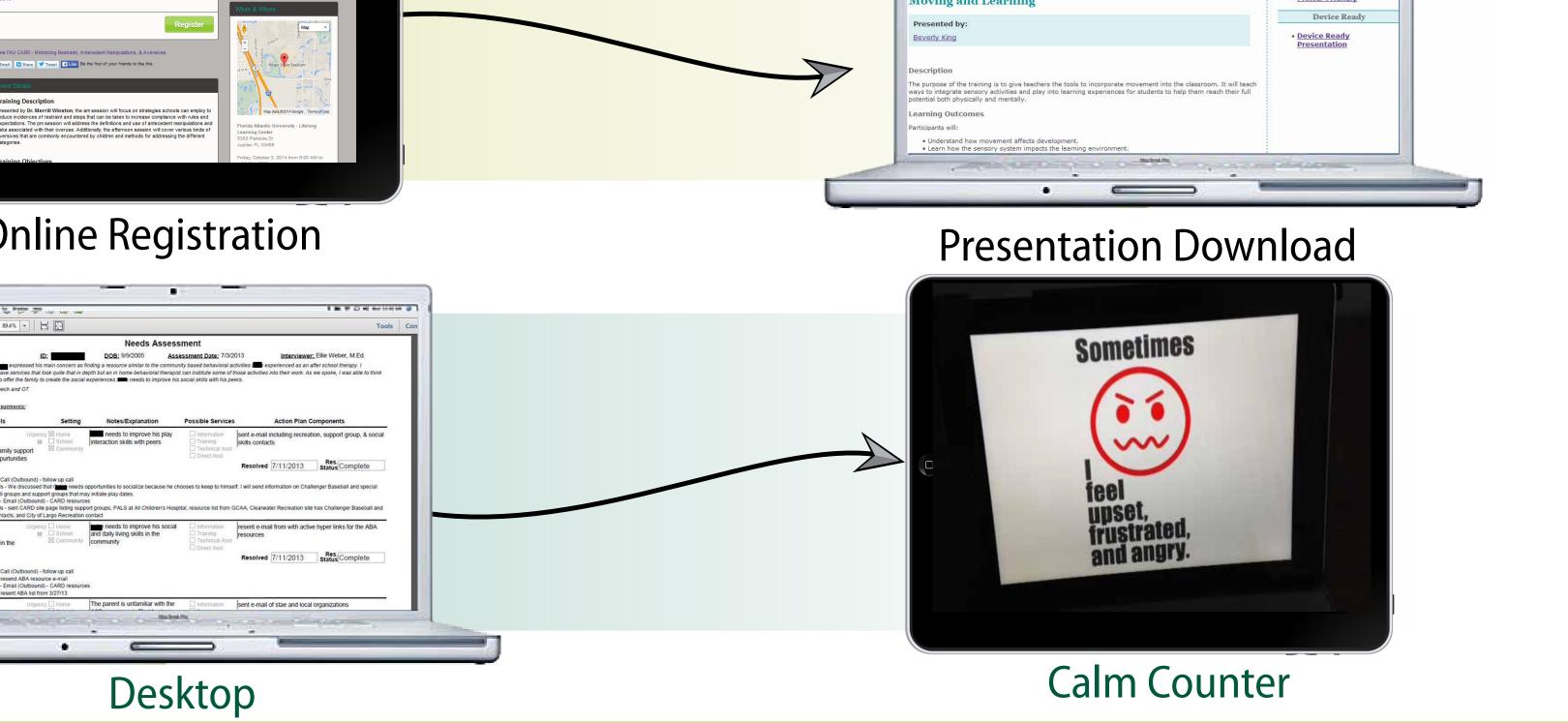
Tablet Data Entry





Community Conversations





Melbourne Community

Conversation

- Identify end goal first
- Take your time planning
- Follow the plan
- Staff buy-in is crucial Work on it before you make a change
- Address accessibility early in plan
- Technology great but must have practical use or function
- Include the end user in planning
- More local planning (e.g., avoid other community events)
- Identify compatible technologies and tools from same
- Always have a backup plan
- Good design and function more important than bells and whistles
- Keep it simple
- Include low tech options
- Try hybrid delivery with some face-to-face and some online
- Test and retest so everything works
- Plan for upkeep for social media
- Advertise broadly, using a variety of technologies
- Review and update often
- Maximize solutions within budget and expertise capacity
- Upload video to YouTube to increase capacity

Technologies in Use:

- Adobe Connect
- Event Brite (Conference Registration)
- Captivate
- Camtasia

Twitter

- Google Classroom
- - Mail Chimp

Survey Monkey

Adobe Presenter

Facebook

Pinterest

Qualtrics