National Survey of Student Engagement: Writing Item Workshop
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Working Session Agenda

- 1:45: Introduction, timeline, objectives.
- 1:55: What is NSSE?
- 2:20: What are the major writing issues NSSE should capture (small groups)?
- 3:00: Break
- 3:15: What makes a NSSE question good?
- 3:35: Draft NSSE questions for testing (small groups).
- 4:10: Next Steps: How to continue collaboration?
Timeline for Getting Writing Items Included on NSSE

- July, 2007: WPA Conference participants create 20 to 30 candidates for questions
- July – late September: Forum of interested people works (electronically?) with NSSE to refine questions
- Spring, 2008: Questions tested, data analyzed
- Spring, 2009: Revise and retest? More analysis
Objectives

For Today

- Understand NSSE
- Determine most important writing issues to include on NSSE
- Draft more than 20 questions for NSSE to consider for testing
- Decide on process for continuing this work (who and how)

Through September: Consult with NSSE to create between 20 and 30 questions to test
3. Find $x$. 
3. Find $x$. 

Here it is.
“That’s nice. What else have we learned at school?”
“We can tell people almost anything about education except how well students are learning.”

Patrick M. Callan, President
National Center for Public Policy and Higher Education
What is engagement?

Survey content

Existing writing items/research
What is Student Engagement?
Foundations of Student Engagement

- Time on task (Tyler, 1930s)
- Quality of effort (Pace, 1960-70s)
- Student involvement (Astin, 1984)
- Social, academic integration (Tinto, 1993)
- Good practices (Chickering & Gamson, 1987)
- Student engagement (Kuh, 2001, 2003)
Definition

Student engagement:
A domain of constructs that measures both the time and energy students devote to educationally purposeful activities, and how students perceive different facets of the institutional environment that facilitate and support their learning.

**Student Engagement**

- **What students do** –
  What matters most is what students do, not who they are.

- **What institutions do** –
  Using effective educational practices to induce students to do the right things

**Educationally effective institutions channel student energies toward the right activities.**
Student Engagement

Process indicators

- We often assess the *products* of education (grades, persistence, graduation rates...)

- We also need to know HOW were such outcomes achieved. What programs, policies, student efforts produced those outcomes?

- Process indicators are measurable markers along the educational route, associated with desirable outcomes.
Why Engagement Matters


Learning and Cognitive Development

Institutional Environment

Quality of Student Effort

Student Background/Precollege Traits

Structural/Organizational Characteristics of Institutions

Interactions with Agents of Socialization
Why Engagement Matters

Why Engagement Matters

Why Engagement Matters

All learning and development requires an investment of time and effort by the student.

National Survey of Student Engagement

Assesses the extent to which students engage in educational practices associated with high levels of learning and development
NSSE Summary

- Annual survey of 4-year institutions (610 in ’07)
- First-year students and seniors (n=300,000 in ‘07)
- Random sampling methodology
- Third-party administrator
“Institutional Assessment”
NSSE Content

Student Behaviors

Institutional Actions & Requirements

Progress Made in College

Student Background Information

Student Learning & Development
Current NSSE Writing Items

How often have you …

- Prepared two or more drafts of a paper or assignment before turning it in
- Worked on a paper or project that required integrating ideas or information from various sources

About how much …

- Written papers or reports of 20 pages or more
- Written papers or reports between 5 and 20 pages
- Written papers or reports of fewer than 5 pages

To what extent have your experiences at this institution contributed to your knowledge, skills, and personal development in …

- Writing clearly and effectively
Current Research

Engagement:
- Higher Order Thinking
- Integrative Learning
- Reflective Learning
- Student-Faculty Interaction
- Writing Amount

Student Background

Learning and Development
Current Research

Engagement:
- Higher Order Thinking
- Integrative Learning
- Reflective Learning
- Student-Faculty Interaction

Learning and Development

Student Background

Writing Amount
What Should NSSE Capture?

- Brainstorm the most important issues that NSSE needs to capture. Do not worry, at this point, whether it's possible for NSSE to capture these ideas; focus on what you'd like NSSE to capture.

- 20 minutes of small group work, then 20 minutes for posting issues and discussing in plenary. Continue discussion during break.
Break
What are the characteristics of good survey questions?
Good Survey Questions

Reliable
Consistent upon repeated measurements

Valid
Measure what they are supposed to measure

Discriminating
Uncover the variability among respondents
Students are **able** to respond

- Recent experience, answer is known,
- Meaning is clear, unambiguous, and singular
- Short, easy to read, easy to answer
- Simple, basic language, commonly understood terms
- Response options provide all possible options – even “not applicable”
Good Survey Questions

Students are **willing** to respond

- Not threatening or embarrassing
- Relevant or interesting to their personal experiences – they care.
- No desire to provide socially desirable answers
NSSE Experimental Questions

Purposes:
- To test existing items,
- To test new items,
- Do research

Emphasize:
- engagement, behavior, experiences
- Ratings of the supportiveness of the campus (academic and non-academic)
- Self-reported gains
Draft Questions

- Using Bob's principles for good questions, draft questions for possible inclusion on NSSE and for research.
  - 15 minutes to generate questions, 30 minutes for plenary discussion.
Next Steps?

- How can we continue this collaboration?
- Who would like to continue?
- What are the steps?
- Future meetings? CCCC, International WAC, …
- Sharing the project with educators in other specialties and administration