SURVEYS OF THE ENACTED CURRICULUM (SEC)

DEVELOPING AND USING DATA TO ALIGN INSTRUCTION AND IMPROVE LEARNING

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Potential Benefits & Uses of SEC Data

• Support education research
• Evaluate effects of initiatives and programs
• Examine instructional practices
• Improve Instructional Alignment
• Examine curriculum articulation across grades
• Examine curriculum consistency within grades
What are the Surveys of Enacted Curriculum (SEC)?
It is a practical, reliable set of data collection tools being used with teachers to collect and report consistent data on current instructional practices and content being taught in classrooms.

How are the Survey of Enacted Curriculum administered?
Teachers complete the survey questions through an online, web-base system. Upon completion, the group data are reported in user-friendly charts and graphs to facilitate analysis of differences across classrooms, schools, or districts.

What information is provided by the data collected?
The SEC’s resulting data provide an objective method for educators to analyze the degree of alignment (or consistency) between current instruction and state content standards and assessments.
What are the educational applications of SEC data?

- Alignment of instruction, standards, and assessments
  - To what degree are the content topics and expectation on the state standards being taught in the classroom?
  - Is the content being taught with sufficient rigor or depth?
  - Are the expectations for students, as reported by their teachers, consistent with the defined expectations on the state assessment?
  - To what degree might the misalignment of instruction be related to lower student achievement?

- Improvement of instruction
  - How do instructional practices differ for teachers of the same subject at the same grade level?
  - How are data on differences in instruction useful in developing consistent approaches to improved achievement?
  - How are data helpful as a foundation for beginning discussions on instruction among colleagues?
What are the educational applications of SEC data?

- Needs assessment and program evaluation
  - What do the data suggest about the current status of teaching and learning in classrooms across the state and/or district?
  - What are the major areas of content or instruction that would best be served by professional development programs?

- Monitoring change

- Targeted professional development
SEC Sections

- Professional Development
- Instructional Content
- Teacher Characteristics / Opinions and Beliefs
- Instructional Activities

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SEC Survey

School and Class Description

1. Which of these categories best describes the way your classes at this school are organized?
   - Departmentalized Instruction
   - Taught by Subject Area Specialist (non-departmental)
   - Self-contained
   - Team taught

2. If you are departmentalized, or a subject area specialist, how many different mathematics courses do you currently teach?
   - N/A
   - 1
   - 2
   - 3
   - 4
   - 5
   - 6
   - 7

   Number of courses taught

3. Which term best describes the target class, or course, you are teaching?
   - Other
   - Elementary Math
   - Middle School Math
   - Pre-algebra
   - Algebra
   - Integrated Math
   - Geometry
   - Trigonometry
   - Advance Math
   - Calculus

4. Indicate the grade level of the majority of students in the target class.
   - K
   - 1
   - 2
   - 3
   - 4
   - 5
   - 6
   - 7
   - 8
   - 9
   - 10
   - 11
   - 12

5. How many students are in the target class?
   - 10 or less
   - 11 to 15
   - 16 to 20
   - 21 to 25
   - 26 to 30
   - 31 or more

6. What percentage of the students in the target class are female? (Estimate to the nearest ten percent.)
   - Less than 10
   - 10 to 20
   - 30
   - 40
   - 50
   - 60
   - 70
   - 80
   - 90 or more

7. What percentage of the students in the target class are not caucasian? (Estimate to the nearest ten percent.)
   - Less than 10
   - 10 to 20
   - 30
   - 40
   - 50
   - 60
   - 70
   - 80
   - 90 or more

8. During a typical week, approximately how many hours will the target class spend in mathematics instruction?
   - 0
   - 1
   - 2
   - 3
   - 4
   - 5
   - 6
   - 7
   - 8
   - 9
   - Number of instructional hours

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TWO DIMENSIONS OF CONTENT
Topics
(What students should know)
And...

Student Performance Expectations
(...be able to do)
SEC Instructional Activities Section

- Whole Group
- Problem-Solving
- Small Group
- Hands-On Materials
- Homework
- Assessment
- Educational Technology

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SEC Teacher Characteristics Opinions and Believes Section

- Instructional Influences
- School Climate and Collegiality
- Opinions & Belief about teaching and learning
- Formal Course preparation
- Other teacher characteristics (e.g., yrs. teaching, degrees held, teaching certifications)
SEC Professional Development Section

• Inquires about the frequency, amount, and types of professional development.

• Asks about the extent of professional development engagement at the school or district level.

• Asks about whether participation in professional development was part of a coordinate program or isolated sessions.
**SEC Data Results**

**Instructional Activities in English, Language Arts, and Reading (ELAR)**

**Iowa**

- **Year: 2008**
  - **Viewing:** Iowa ELL Project Data
  - **Data Cut:** Percent ELL/LEP

**How much of the English, language arts, and reading instructional time in the target class do students use to engage in the following tasks?**

**Watch the teacher demonstrate/model English, language arts and reading processes (e.g., reading, writing, and speaking)**

**Read the data and compare the instructional activities across different levels of proficiency.**

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<td></td>
<td>None</td>
<td>0.5: &lt;10%</td>
<td>1.0: 10-25%</td>
<td>2.5: 26-50%</td>
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**Data Cut:** Percent ELL/LEP

- **Year: 2008**
  - **Viewing:** Iowa Data
  - **Data Cut:** Percent ELL/LEP

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“Making Education Work for All Georgians”
SEC Online reports instructional content using tile charts.

Drop-down menus allow you to select grade-specific and course-specific results for your school, district and state, in addition to reports of your own results.
SEC Data Results