

Key for SMT Training 5

Student Engagement – S Codes 1-9

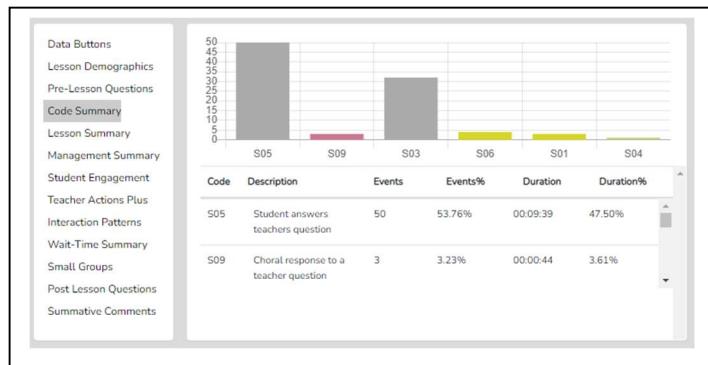
SeeMeTeach

Teacher Observation Reimagined!

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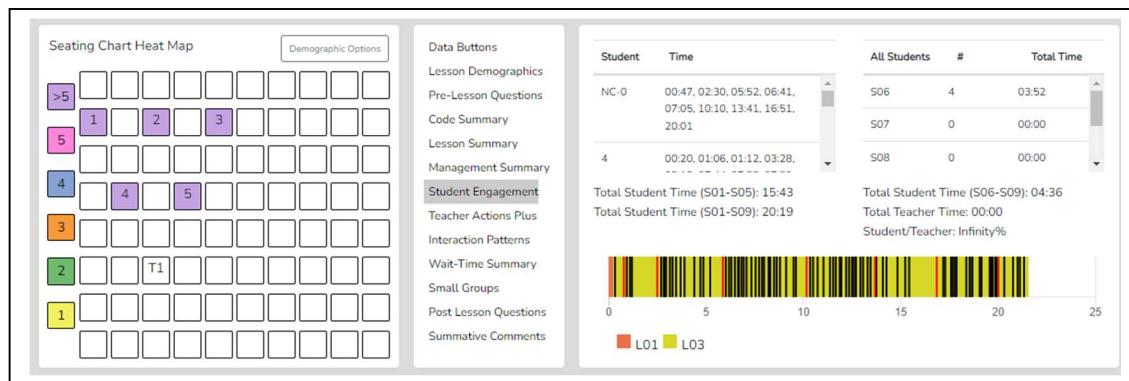
Training 5 provides the SMT user with instruction and practice on the individual student engagement codes (S1-S5) and whole group engagement codes (S6-S9). Following the data collection, the observer and teacher can view the raw and analyzed data that indicates student engagement in the lesson. Note that the following data provides rich fodder for feedback and coaching regarding the goals for instruction. Note that the instructor intended to foster high levels of student engagement and wished to uncover student thinking during the lesson and allow students to make predictions and reflect on their ideas and those posed by other students.

Codes Summary



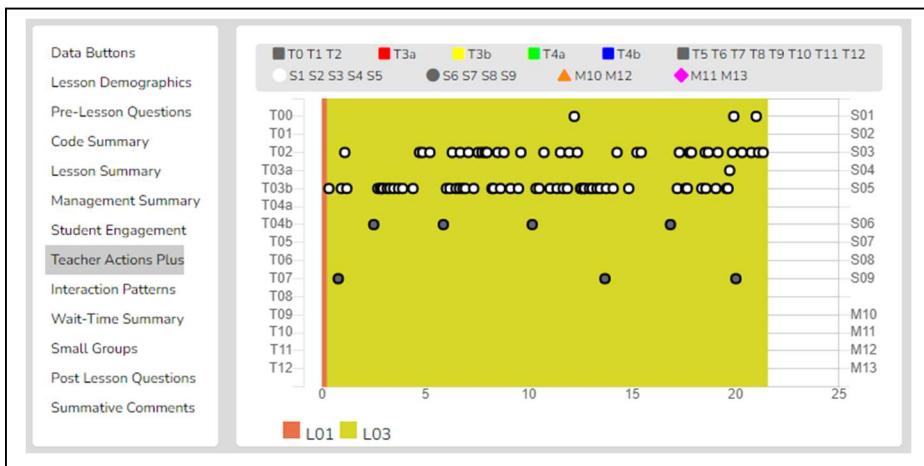
For this practice the user only coded using the S1-S9 buttons. Within *Code Summary*, the graph provides a visual indicator and specific quantity (hover the cursor) of how many times each S event occurred during the lesson. Individual students answered a question roughly 50 times (S5), while a student making a comment (S4) was coded about 30+ times. A student asked the teacher a question 3 times during the lesson. Absent are any S2 and S4 codes which involve student to student exchanges during the lesson. During this lesson the instructor asked a question and had all the students write a response about 4 times which is reflected in the S6 events, and at times had the whole class provide a choral response which is noted in the S9 events (3 times).

Student Engagement Summary



First, let's look at the *Seating Chart Heat Map* which shows the purple color for all students meaning all students had more than 5 (S1-S5) contributions to the lesson. Then when examining the *Student/Time* column the user can view the student number and number of times during the lesson that each student contributed. Student 5 contributed the most, followed by student 4, and then student 2, student 3, with student 1 engaging the least. If an S button is clicked with no student seat number attached, that event shows up as an NC-0 time. Currently, any S6-S9 events also show up in this column as NC-0 events. Notice on the graph timeline the significant number of black lines representing S1-S5 events, which from *Code Summary* we learned that most were students answering a question (S5) and commenting to the teacher (S3). Interspersed are the S6-S9 red lines representing whole group student engagement events.

Teacher Action Plus



The X axis of the graphic above shows the timeline of the lesson. On the right-hand vertical side of this graph are the S codes. Locate S01 and follow the horizontal line towards the left. There you will see three white circles which note student asking the teacher a question events. Locate the many S03 events (student commenting to teacher), and one S04 event (student commenting to another student), and many S05 events (student answering a question). The grey filled in circles represent the whole group S06-S09 events.

In short, *Teacher Action Plus* provides a visual digital story of student engagement in the classroom and this lesson shows consistent student engagement all throughout the lesson which matches the instructor's goals for the lesson. The high-resolution data and evidence (not impressions) indicates a high and consistent level of student engagement and merged with the *Student Engagement Summary* data indicates that all the students were well engaged in the lesson vs. the small percentage of students responding in a typical classroom.

Once the user begins coding with both teacher and student actions (in Training 8 and 9) this digital footprint of the lesson becomes even more interesting and provides even more fodder and evidence for post-observation discussion, uncovering and showing how teacher actions affect and stimulate student engagement in the lesson.