

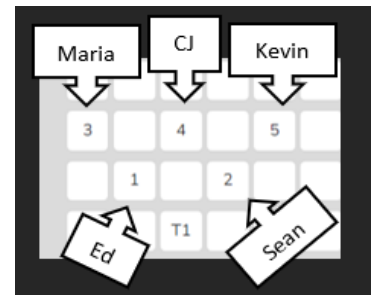
Revised Training Module 8 Cheat Sheet

Merging Student Actions (S1-S9) and Teacher Actions (T0-T13)

You Try:

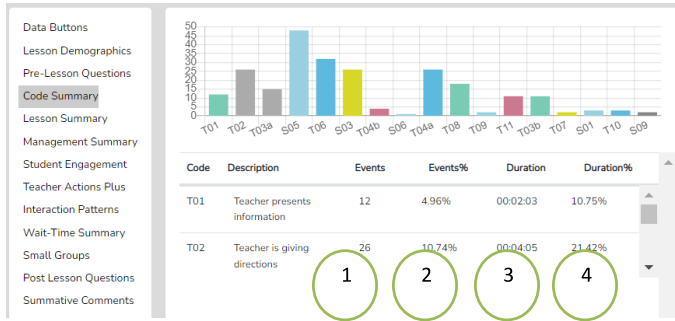
The goal of this practice session is for you to practice collecting data on both Student Actions and Teacher Actions. Doing so will provide the user with an immense amount of robust and important data related to how the teacher is teaching and if their teaching is congruent with their goals for instruction. The student action data will provide superb indicators related to the quality and quantity of student engagement.

1. Create a New Observation
2. Observation type: Classroom observation from YouTube.
 1. Enter OR copy and paste the following YouTube link into the URL box:
<https://youtu.be/XIPKXlkeHMA>
2. Fill in the following information for this observation:
 - Teacher being observed: SMT1indo... This would normally be the teacher's name. But you can choose your own name or the name of a person in your group.
 - Observer 1: Yourself
 - Observer 2: SMT1indo... or the name of a person in your group.
 - Lesson Topic: Training 8 Practice
3. Then click "Save and Continue"
4. Create a Seating Chart as shown in the image on the right. *(The avatar names are included to help you identify which student avatar is engaged during the lesson.)*
 - a. Practice using the seating chart with the S codes in order to get data specific to individual students.
5. Then click "Save and Start."
6. Choose "Quantitative" observation, then click "Start."
 - a. Note: For this lesson, you will focus on using the S and T codes. Toggle all other coding buttons off.
7. Hit play and begin your observation by clicking the appropriate L code.
 - a. Remember clicking the L code at the start of the lesson starts the timer for that observation. For this practice lesson, choose L3: Interactive Demo.
8. When finished with the observation, look below for a reminder of the analysis categories and what useful information can be found in each summary.



General Description of Data Analysis to Consider After Completing This Training

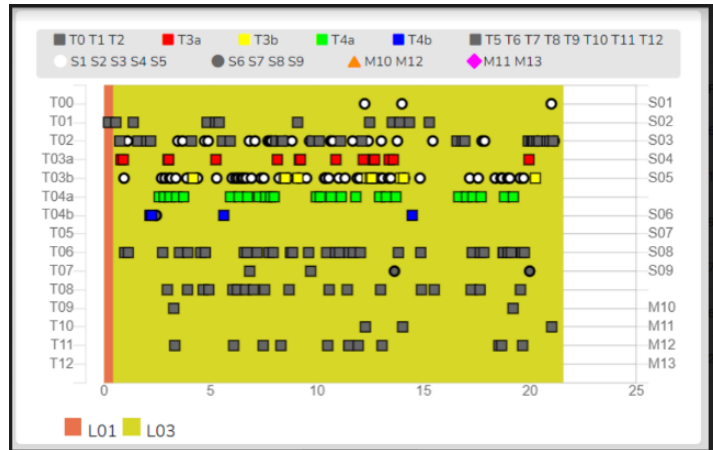
Code Summary



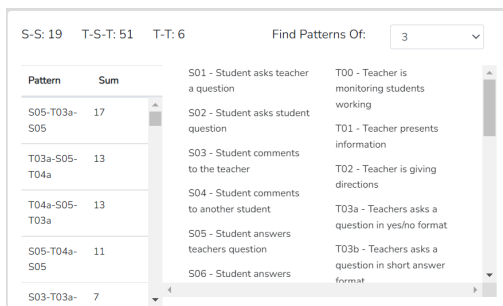
The Code Summary shows how many times each code was used during data collection, including relative and specific use of the S and T codes. Underneath the graph is a data table that displays data for 1) each of the specific codes by frequency of an event, 2) frequency of an event compared to the overall total number of events, 3) amount of time for each type of event, and 4) time accrued for that event compared to the total time of all the events.

Teacher Actions Plus

The Teacher Actions Plus shows the distribution of how many S and T codes occurred during the observation and during which part of the lesson. With the mouse wheel, the user can zoom in and out if the data points become too crowded.

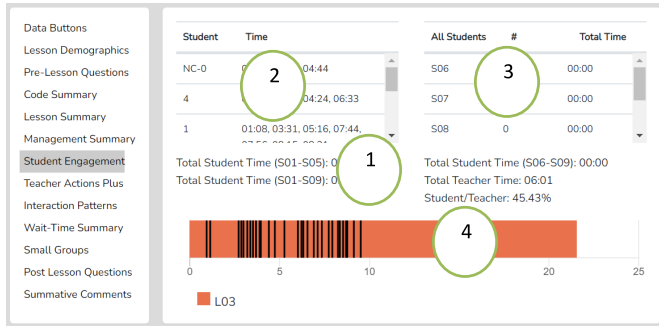


Interaction Patterns



Using all the teacher actions (T codes) and student engagement actions (S codes), the user can view the predominant patterns of interaction between the teacher and students. In addition, numbers are provided that show how often students interact with each other (S-S) versus how often the traditional teacher-student-teacher pattern (T-S-T) is used or how often another teacher action follows a teacher action (T-T).

Student Engagement Summary



1. These sections show the total time for a specific range of S codes, the total time the teacher spent talking and the ratio of time that students were engaged versus the teacher talking (S/T). 2. This box shows a detailed analysis of when each student contributed. Student number (left) Time stamp (right). 3. This box shows a detailed analysis of how many times each S6, S7, S8 and S9 code occurred and the total time for each S6-S9 code in the lesson. 4. On the timeline, each S code event is indicated by a black line on the timeline. Clicking a specific black line will take you back to that point in the video.

Seating Chart Heat Map

The Seating Chart Heat Map shows you how many times each student or each group contributed or was engaged during the lesson. The key for the color codes is on the left side of the chart. For example, any student or group highlighted in yellow contributed or was engaged 1 time. Any student or group highlighted in green contributed or was engaged 2 times. And so on and so forth.

