



Early Childhood Education Data System (ECEDS)

User Guide

Tennessee Department of Education | September 2025

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Overview

The Early Childhood Education Data System (ECEDS) houses Classroom Assessment Scoring System (CLASS) data collected in preschool classrooms across Tennessee. Following CLASS observations, Tennessee Department of Education (TDOE) staff and LEA-selected observers enter CLASS data into this system where it can be evaluated and utilized to continue collaborative efforts towards early childhood quality improvements.

Before You Begin

Prior to accessing and entering data into the ECEDS CLASS Data System App, you will need to complete the following items:

- Attend a CLASS 2nd Edition PK-3 Reliability Training.
- Pass the CLASS 2nd Edition PK-3 Reliability test.
- Complete an online CLASS Environment training through [Teachstone](#).
 - Only one individual in the district is *required* to have CLASS Environment certification; however, if only one person holds that certification, he/she will be the only person able to conduct the required CLASS Environment portion of the tool.
- Conduct observations in Pre-K classrooms using both the CLASS 2nd Edition PK-3 tool and CLASS Environment tool.

Accessing the Early Childhood Education Data System (ECEDS)

Creating an Account and Assigning Teachers for CLASS Observation

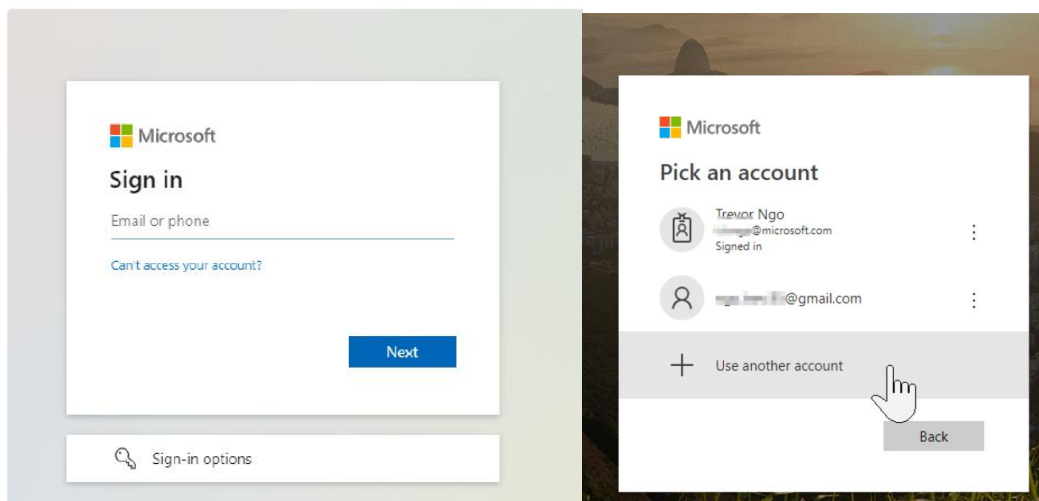
All CLASS **observers** will need to gain access to the shared data system. To be granted access to the ECEDS CLASS Data System App, you must have an account. Please complete [this form](#) in order to set up your account. Please note, account requests are submitted to the application developers once per week, so there may be a slight delay in processing.

All observers will also need to include information on the teachers they will be observing using the CLASS tool. Instructions on how to enter data into ECEDS will be sent to all observers once the system is ready for data entry. If you have questions about this form, please reach out to Liz.Newsoms@tn.gov.

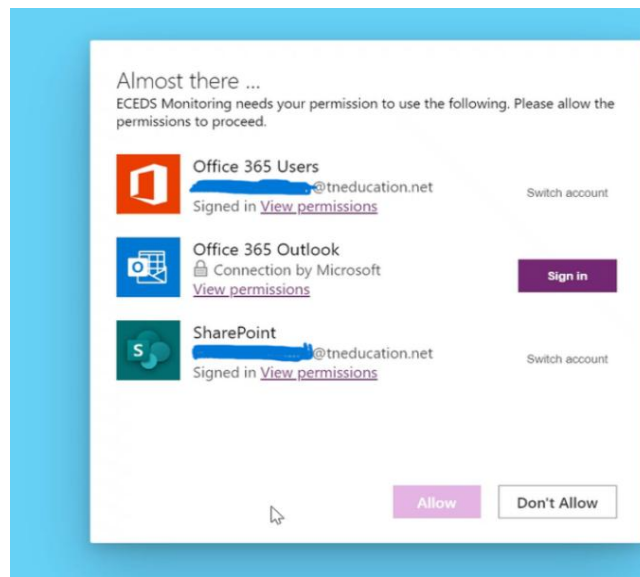
Logging In

Below are steps observers will need to take to access the ECEDS CLASS Data System App for the first time or when logging into the system on a different computer. The ECEDS CLASS Data System App is where district observers can enter CLASS data and see CLASS data reports.

1. First, click on the following link: [CLASS Data System](#)
2. Once you've clicked on the link, you will be presented with a screen similar to one of the two below.



- a. If you see the first screen,
 - i. **Log in using your @tneducation.net email address.** This is also your Single Sign On email address.
 - b. If you see the second screen,
 - i. Click "Use another account" and **input your @tneducation.net email address.** This is also your Single Sign On email address.
3. Once you sign in, one of three things may happen:
- a. You will be denied access.
 - i. If you are denied access, please email Liz Newsome at Liz.Nesome@tn.gov. You will need to take this step before proceeding.
 - b. You will be asked to start a trial.
 - i. If you are asked to start a trial, please email Liz Newsome at Liz.Nesome@tn.gov. You will need to take this step before proceeding.
 - c. You will be brought directly into the application.
 - i. Congratulations! You have successfully logged in.
4. After you successfully log in, you will see the following screen. Click **Allow**.



5. After clicking **Allow**, you should receive the following screen. Click on **CLASS/CE** in the top blue bar to start entering a CLASS observation or click on **Report** to be taken to the CLASS Data Report screen.



Entering Data into the Early Childhood Education Data System (ECEDS)

Entering CLASS and CLASS Environment Scores

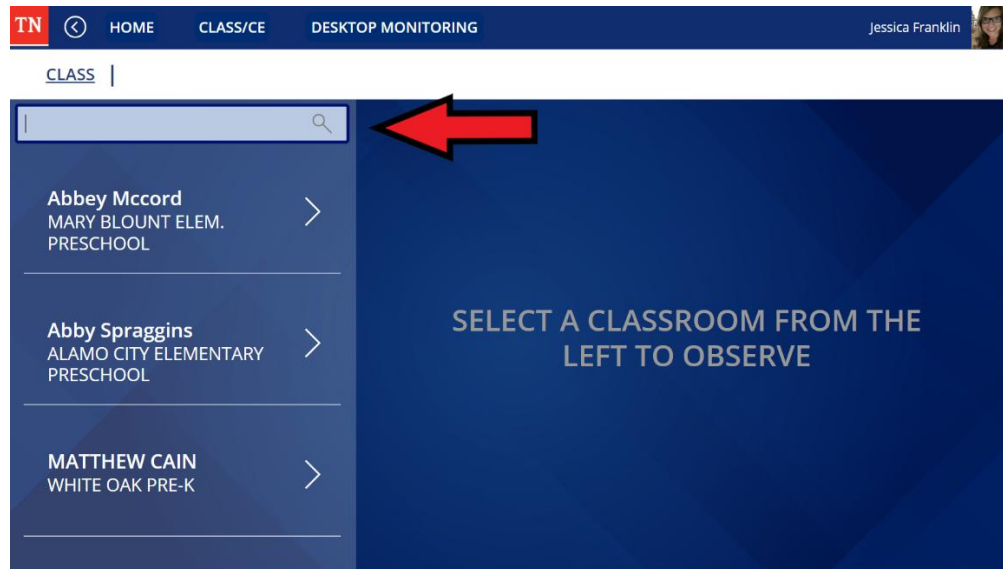
When you are ready to enter CLASS and CLASS Environment data into the ECEDS system, follow the steps listed below.

1. Click on the following link: [CLASS Data System](#)
2. Once you have clicked the link and logged into the system, you will be presented with a screen similar to the one below.

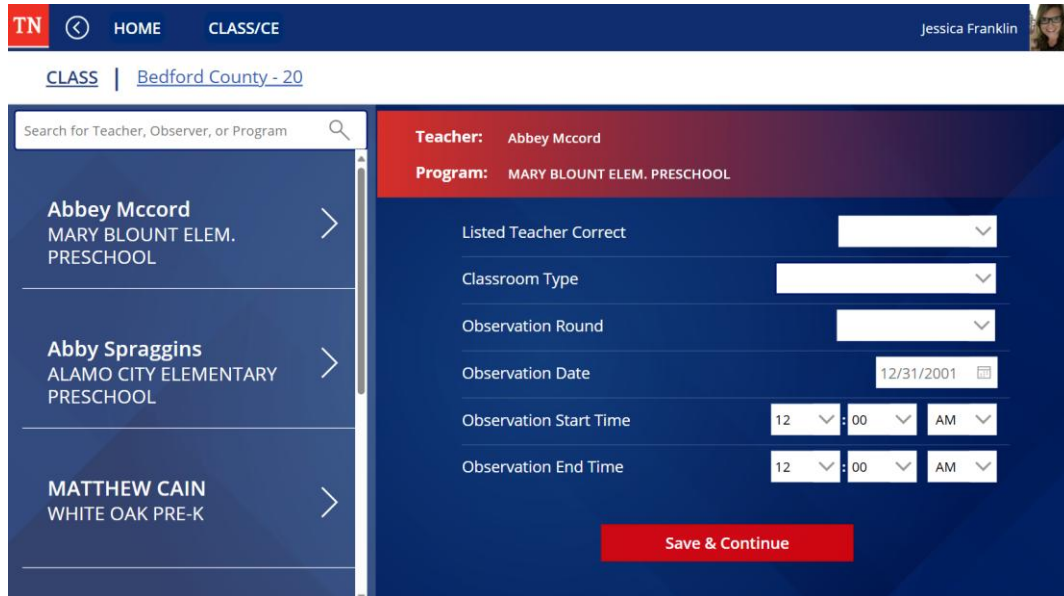


3. Click on the tab labeled **CLASS/CE** in the top blue bar.

4. On the page presented below, use the search bar to search for the observed teacher's name. Click on the arrow beside the teacher's name.



5. Once you have clicked on the arrow beside the teacher's name, enter all information in the right pane regarding the completed CLASS observation. Click **Save & Continue**.



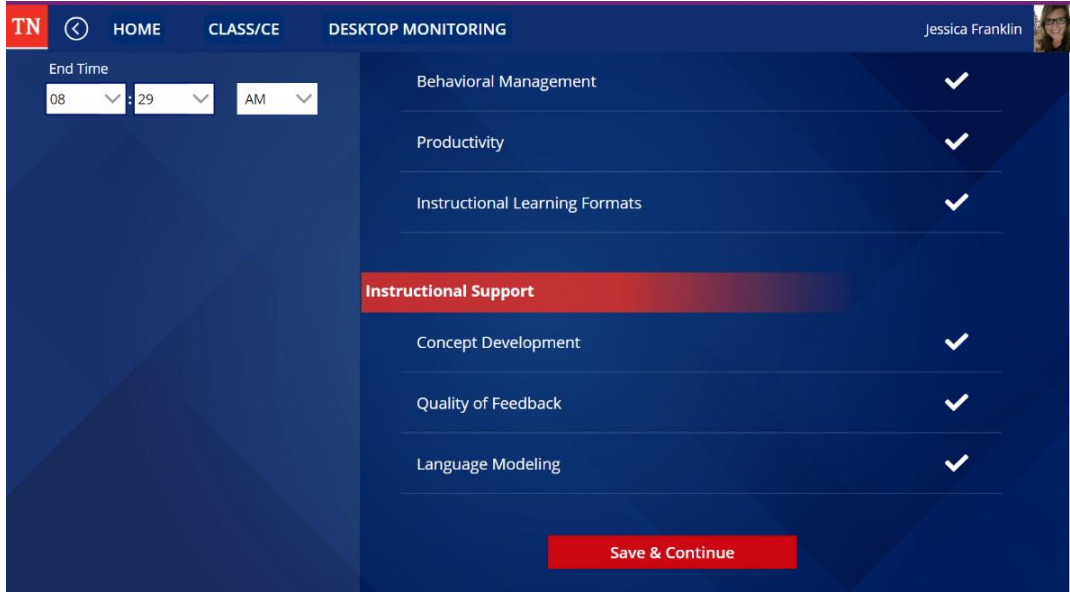
6. On the next page, enter the information for Cycle One on the left side of the screen (optional). To begin entering scores, click on **Positive Climate**.

The screenshot shows a web interface for desktop monitoring. At the top, there is a navigation bar with 'TN', a home icon, 'HOME', 'CLASS/CE', 'DESKTOP MONITORING', and a user profile for 'Jessica Franklin'. Below the navigation bar, the page is titled 'CYCLE | ONE'. On the left side, there is a sidebar with several input fields: 'Number of Children', 'Number of Adults', 'Academic Content' (with a dropdown menu), 'Format' (with a dropdown menu), 'Start Time' (with time and AM/PM dropdowns), and 'End Time' (with time and AM/PM dropdowns). The main content area is divided into two sections: 'Emotional Support' and 'Classroom Organization'. Under 'Emotional Support', there are four items: 'Positive Climate', 'Negative Climate', 'Educator Sensitivity', and 'Regard for Child Perspectives'. Under 'Classroom Organization', there is one item: 'Behavioral Management'.

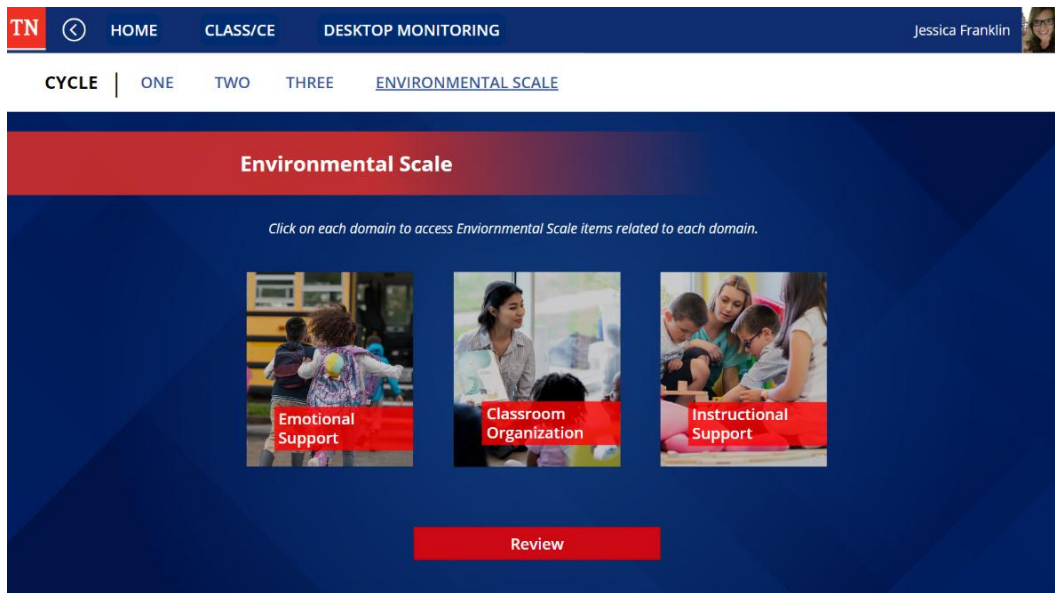
7. On the Positive Climate page, use the drop-down box to input the numerical score (1-7). The notes box can be used to add additional details but *are not required*. Click **Save & Close**.

The screenshot shows the 'Positive Climate' configuration page. At the top, there is a navigation bar with 'TN', a home icon, 'HOME', 'CLASS/CE', 'DESKTOP MONITORING', and a user profile for 'Jessica Franklin'. Below the navigation bar, the page is titled 'Positive Climate'. The main content area contains a dropdown menu for 'Overall Positive Climate Score' and a text area for 'Positive Climate Notes' with the placeholder text 'Enter notes here...'. A red 'Save & Close' button is located at the bottom center.

8. Continue entering numerical scores (1-7) by clicking on each of the Dimension headings. **IMPORTANT: Do not reverse the score for Negative Climate. The system will automatically calculate the reversed score.** As scores for each Dimension are entered, a check mark will appear beside the Dimension heading. Once all ten Dimension scores are entered, click **Save & Continue**.



9. Continue through the same steps for Cycle Two and Cycle Three scores. After clicking **Save & Continue** for the third cycle, you will be presented with the screen below. Click on the **Emotional Support** tile to begin entering CLASS Environment scores.



10. You will be presented with the screen below. Enter the numerical score (1-3 or N/A) for each item on the Emotion Support CLASS Environment scale. Click **Save & Close**.

The screenshot shows a web interface for the 'Emotional Support' scale. At the top, there is a navigation bar with 'TN', a back arrow, 'HOME', 'CLASS/CE', 'DESKTOP MONITORING', and a user profile for 'Jessica Franklin'. Below the navigation bar is a red header with the text 'Emotional Support'. The main content area has a dark blue background and contains a description: 'Reflects the emotional connection between the teacher and students and among students and the warmth, respect, and enjoyment communicated by verbal and non-verbal interactions.' Below the description is a list of six items, each with a dropdown menu for entering a score:

- Space for Cooperation
- Sightlines
- Teacher Furniture
- Space for Child Privacy
- Child-Level Display
- Displays of Children or Their Work

11. Continue by entering CLASS Environment scores for Classroom Organization and Instructional Support. When all CLASS Environment scores have been entered, you will see a check mark on each of the three tiles. Click **Review**.

The screenshot shows the 'Environmental Scale' interface. At the top, there is a navigation bar with 'TN', a back arrow, 'HOME', 'CLASS/CE', 'DESKTOP MONITORING', and a user profile for 'Jessica Franklin'. Below the navigation bar is a red header with the text 'Environmental Scale'. The main content area has a dark blue background and contains a description: 'Click on each domain to access Environmental Scale items related to each domain.' Below the description are three tiles, each with a checkmark in the top right corner and a red label at the bottom:

- Emotional Support
- Classroom Organization
- Instructional Support

At the bottom center of the interface is a red button labeled 'Review'.

12. Review the final screen displaying all scores. If all scores are correct, click **Submit**. If you notice an error, use the Cycle One, Two, Three, and Environmental Scale buttons in the white bar at the top of the page to navigate back.

The following is a summary of the scores from each cycle. To make changes to scores or notes within a cycle, use the cycle menu to return to the cycle in which edits are needed. When you are ready to submit scores, press submit.

Domains	Cycle 1	Cycle 2	Cycle 3	Avg.	Env.
Emotional Support	5.50	5.00	5.25	5.25	2.30
Classroom Organization	3.33	4.00	5.33	4.22	2.14
Instructional Support	4.33	4.00	6.67	5.00	2.18

Submit

13. Congratulations! After clicking the **Submit** button, you will receive a confirmation message.

Reviewing Data into the Early Childhood Education Data System (ECEDS)

After entering CLASS data into ECEDS, you can review your data by following the steps listed below.

1. First, click on the following link: [CLASS Data System](#)
2. Once you have clicked on the link and logged into the system, you will be presented with a screen similar to the one below.



3. Click on the **Reports** tab. Use the filters at the top of the page to view current data. Please note, data may take up to 30 minutes after entry to display on the reports page.

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