

Setup

Setup

Welcome to Swoop! As you prepare to jump into this mathematical journey with your student, please ensure you have the proper technology first.

Note:

The uploading of the skills assessment data will require the use of a PC or a Mac. However, after the initial setup, students can use PCs, Macs, or Chromebooks to access the KAITLab platform and online trainings.

Technology Requirements

Initial Skills Assessment:

- | | |
|---------------------------|--|
| Compatible devices | • Mac or PC required for initial setup |
| Operating System Versions | • MacOS or Windows |
| Device Specs | • USB-A Data Port |

Training Sessions and Swoop Platform:

- | | |
|---------------------------|---|
| Compatible Devices | • Mac, PC, or Chromebook (most devices that have internet access) |
| Operating System Versions | • MacOS, Windows, ChromeOS |
| Devices Specs | • Bluetooth Connection Compatibility |

Swoop! Box Contents

After you purchase Swoop! you will be shipped a box containing:

- Smart Pen
- The Big Book
- Swoop! Notebook
- USB-A to USB-C cord.

Smart Pen

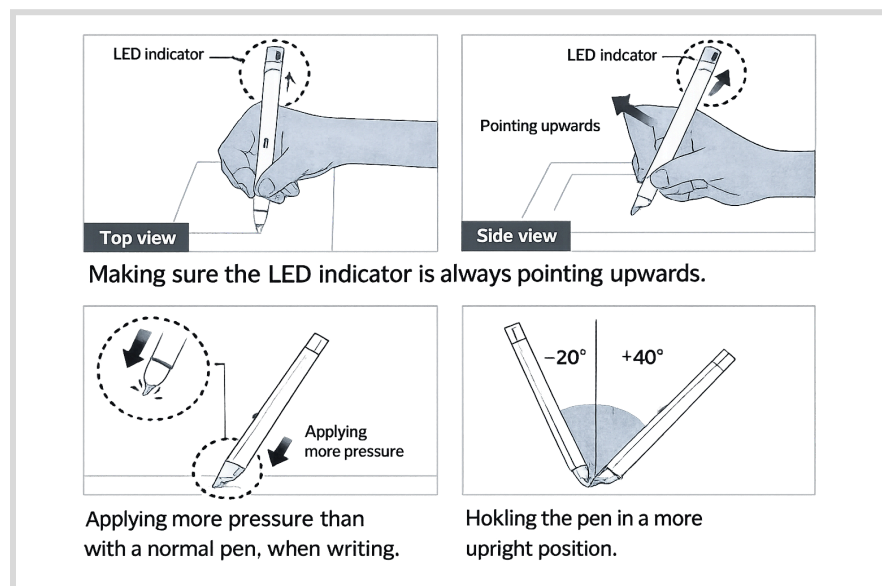
Device Specs

Product	Smart Pen Charging Cradle
Model	NMC-Z100
Size	198.7 x 139 x 28.7mm
Weight	302g
Environment	Operating Temperature: 50-95 F Storage Temperature: 14-122 F
Input	DC 5V/3A
Manufacturer	NeoLab Convergence Inc.



To carry out your assessment you will need to utilize the Smart Pen. As you take your assessment, the Smart Pen will record all pen strokes and store the information on the pen. Upon completion, this data will then be uploaded using the KAITLab Router Application, analyzed, and then your individual training plan will be created.

Using the KAITLab Smart Pen





The Big Book



The Big Book contains all of the KAITLab skills assessments for each grade level. Based on the information you provided our team in the Customer Intake Form, we will provide you guidance on which assessment you will be assigned.

Each page has been designed and printed using NeoLab NCode. This allows the Smart Pen to recognize its location as you carry out the assessment, track your problem solving journey, and store the data captured.

Swoop! Notebook

The Swoop! Notebook was designed to specifically partner with your KAITLab Smart Pen. Each page of this notebook has been specifically designed and printed using NeoLab NCode that allows your work to be captured and displayed.

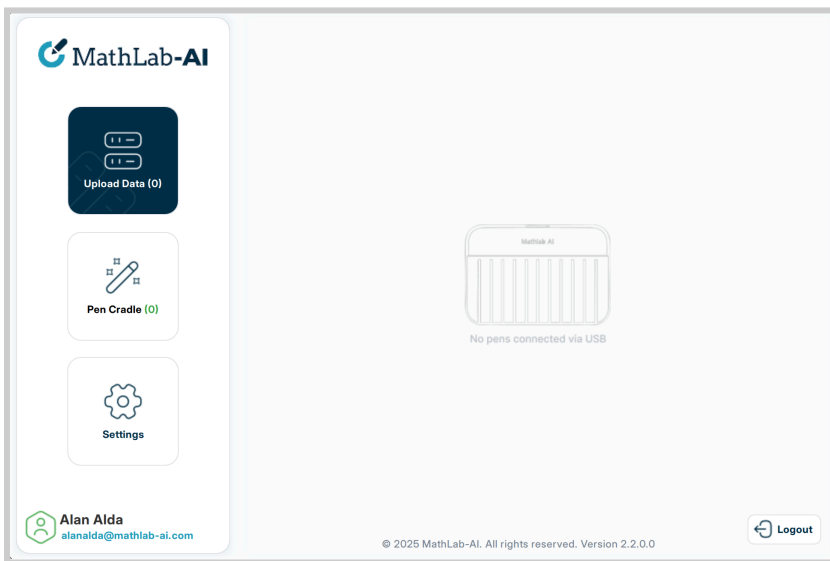


USB-A to USB-C cord

The USB cord included in your box allows you to charge your Smart Pen when connected to your computer, and to transfer the data stored on your Smart Pen for analysis within our platform.



Router Application



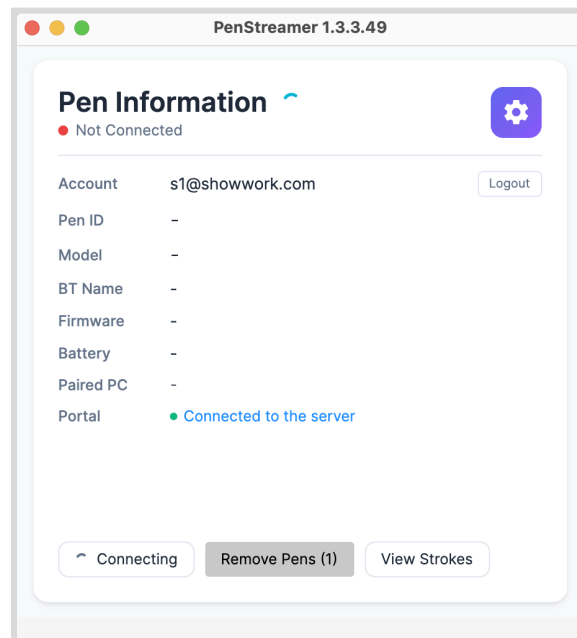
The Router Application allows your assessment data, which is stored as an .STF2 file, to be uploaded and transferred from your Smart Pen to our platform for analysis. Remember, upon completion of the initial Skills Assessment, you will utilize either a Mac, or a PC to download and install this application. This application is only required for the uploading of the assessment data.

After the skills assessment has been completed and the data has been transferred, you may continue to use a Mac or a PC for the online training sessions, however you may also use a Chromebook as well.

Pen Streamer Application

The Pen Streamer Application has been designed to allow you to:

1. Establish a Bluetooth connection between your Smart Pen and your computer or Chromebook,
2. Install Smart Pen Firmware Updates,
3. Display Smart Pen battery life, and
4. Show Your Work





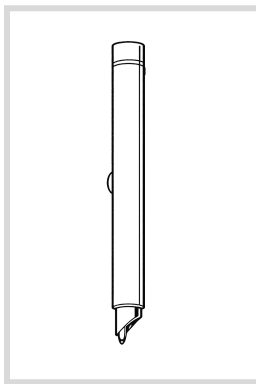
Getting Started

Getting Started

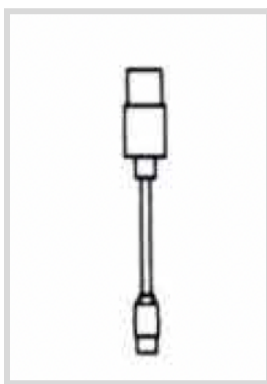
Package Contents

When you receive your Swoop! Kit, you will find the following items included within:

1. Smart Pen
2. USB-A to USB-C Cord
3. Swoop! Notebook
4. Big Book



Smart Pen



USB-A to USB-C
Cord



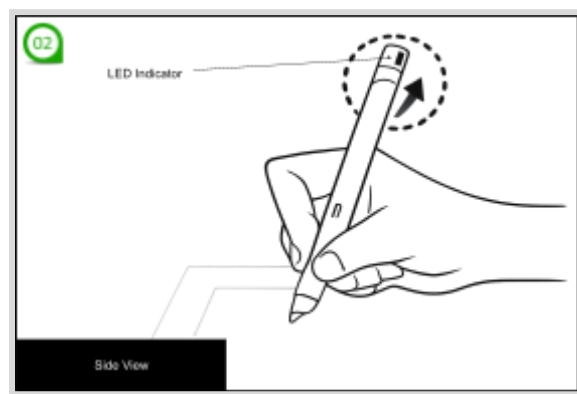
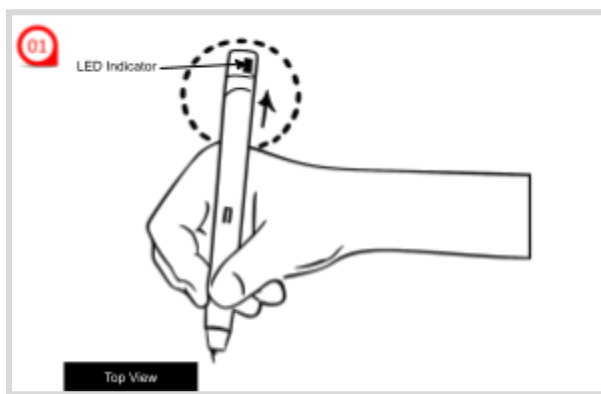
Swoop! Notebook



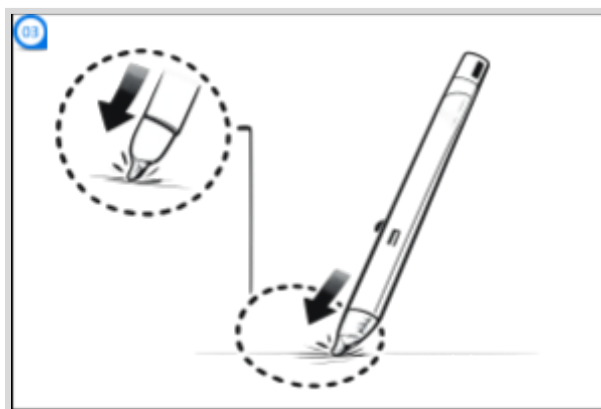
Big Book



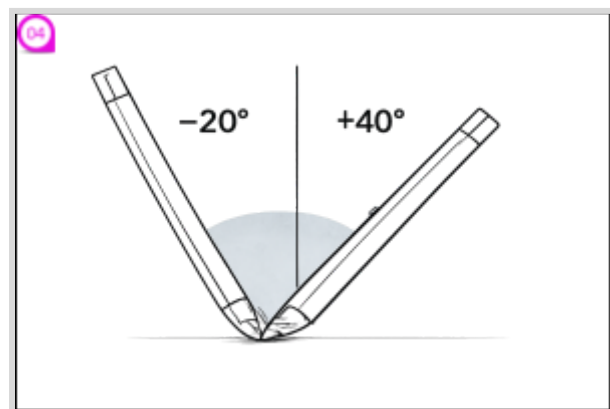
How to use the KAITLab Smart Pen



When writing with the Smart Pen, ensure the LED light is on and always facing upwards and visible.



Apply more pressure than normal when writing with the Smart Pen.



Hold the Smart Pen in a more upright position.

Note: prior to taking an assessment, or carrying out a training session using your Smart Pen, please ensure the Smart Pen has been plugged into your computer using the USB Cord for at least 2-3 hours. This will provide ample time for your pen to be fully charged.



By KAITLab

Student Dashboard and KAIT Apps Installation

[Downloading and Installing the Pen Streamer Application](#)

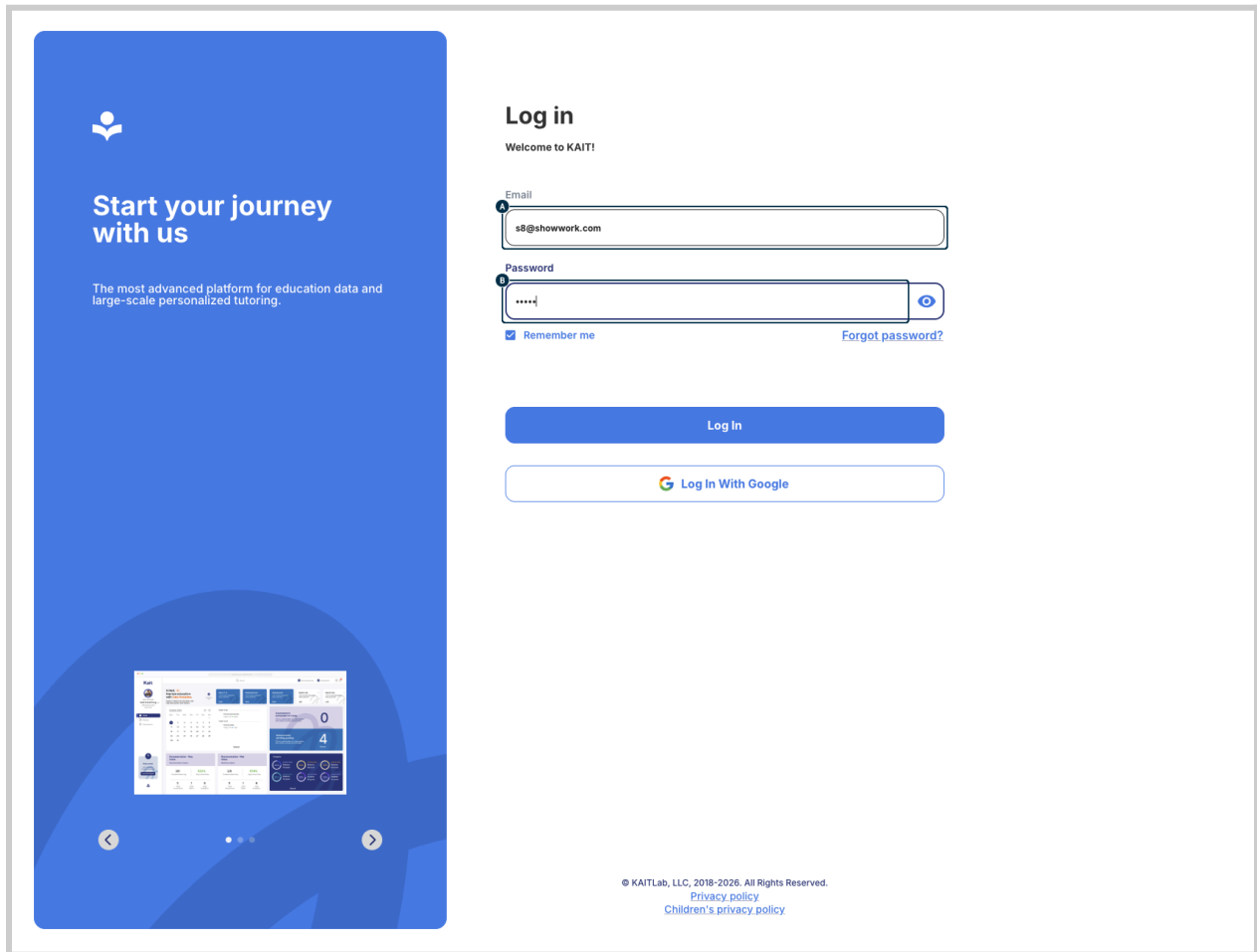
In order to connect your Smart Pen to your Mac, PC, or Chromebook, you will need to install the Pen Streamer application.

1. Navigate to [KAITLab.com](https://www.kaitlab.com) and select “Login”

The screenshot shows the KAITLab website homepage. At the top left is the KAITLab logo with the tagline "Show your work". To the right are navigation links for "KAIT", "About Us", and "Contact Us", followed by a "Login" button. The main content area features a blue background with a grid pattern. On the left, the text reads "KAITLab is Redefining the Future of Mathematics" followed by a short paragraph: "Experience the power of KAITLab's smartpen on paper—see every step of student thinking and accelerate learning through AI-personalized training—helping students refresh, master, and retain skills for lasting success." On the right, there is a hand-drawn diagram of a right-angled triangle with legs labeled 'a' and 'b', and hypotenuse 'c'. The vertical leg 'a' is labeled '4ft' and the horizontal leg 'b' is labeled '3ft'. To the right of the triangle, there is a handwritten calculation: $4^2 + 3^2 = 16 + 9 = 25$. Below the main content area, there is a white section with the heading "KAITLab: Revolutionizing Math Education" and a short paragraph: "KAITLab is redefining the future of math learning by blending the familiarity of pen and paper with cutting-edge technology. Our smartpen captures". A large orange wavy graphic element is positioned at the bottom right of this section.

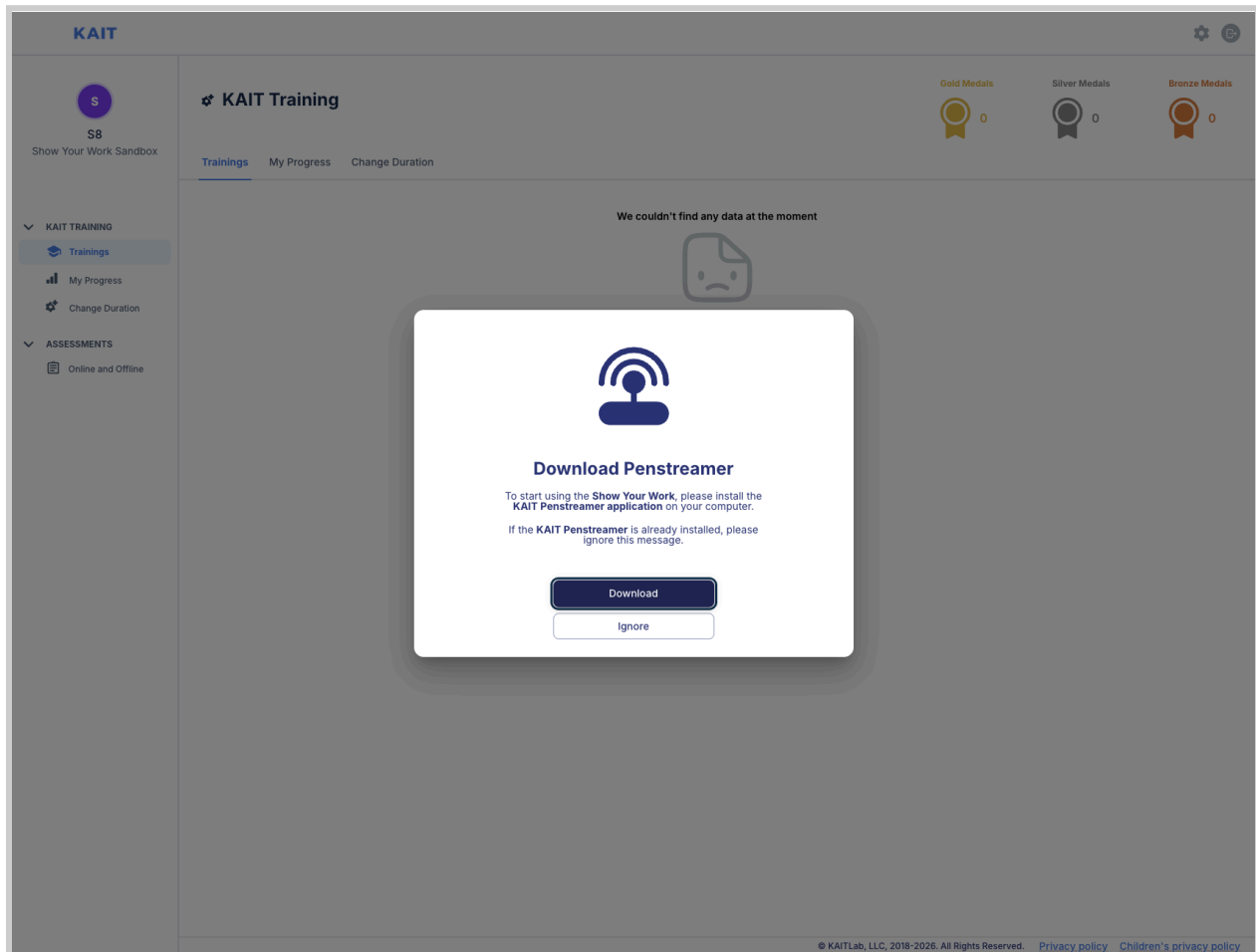


2. Sign in to your account

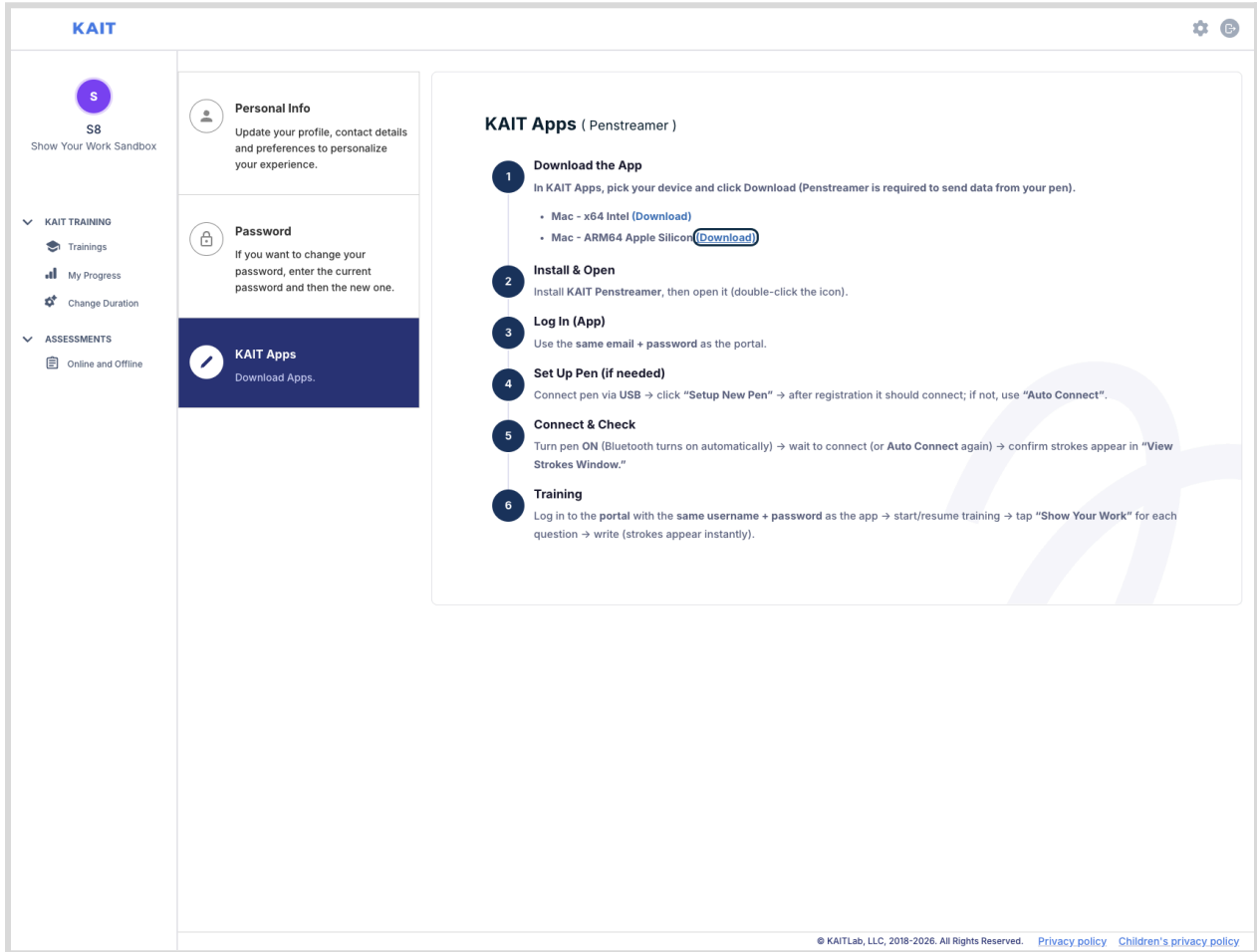


The screenshot displays the Swoop! login interface. On the left, a blue vertical banner contains the text "Start your journey with us" and "The most advanced platform for education data and large-scale personalized tutoring." Below this text is a small image of the application's dashboard. On the right, the "Log in" section includes a "Welcome to KAIT!" message, an "Email" field with the address "s8@showwork.com", and a "Password" field with masked characters. There are checkboxes for "Remember me" and a link for "Forgot password?". Below the fields are two buttons: a blue "Log In" button and a white "Log In With Google" button. At the bottom right, there is a copyright notice: "© KAITLab, LLC, 2018-2026. All Rights Reserved." with links to "Privacy policy" and "Children's privacy policy".

- The first time you login, you should see a pop-up window appear that will ask you to “Download Pen Streamer”



4. Based on the type of device you are using, select the appropriate file to download and install on your machine



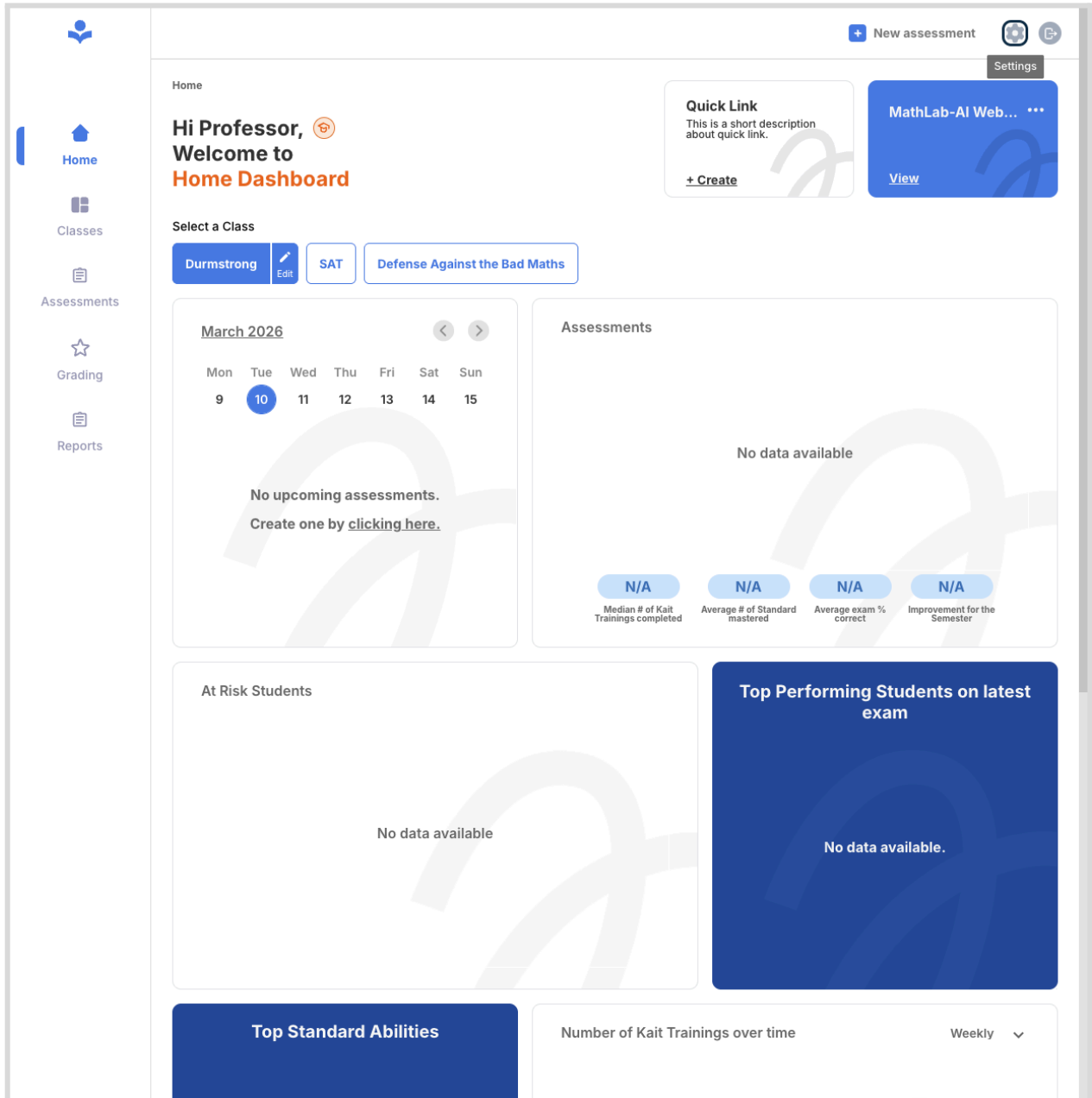
The screenshot displays the KAIT user interface. On the left is a navigation sidebar with a user profile 'S8' and sections for 'KAIT TRAINING' (Trainings, My Progress, Change Duration) and 'ASSESSMENTS' (Online and Offline). The main content area is titled 'KAIT Apps (Penstreamer)' and contains a numbered list of six steps for installation and setup:

- 1 Download the App**
In KAIT Apps, pick your device and click Download (Penstreamer is required to send data from your pen).
 - Mac - x64 Intel ([Download](#))
 - Mac - ARM64 Apple Silicon ([Download](#))
- 2 Install & Open**
Install KAIT Penstreamer, then open it (double-click the icon).
- 3 Log In (App)**
Use the same email + password as the portal.
- 4 Set Up Pen (if needed)**
Connect pen via USB → click "Setup New Pen" → after registration it should connect; if not, use "Auto Connect".
- 5 Connect & Check**
Turn pen ON (Bluetooth turns on automatically) → wait to connect (or Auto Connect again) → confirm strokes appear in "View Strokes Window."
- 6 Training**
Log in to the portal with the same username + password as the app → start/resume training → tap "Show Your Work" for each question → write (strokes appear instantly).

At the bottom of the page, there is a footer with the text: © KAITLab, LLC, 2018-2026. All Rights Reserved. [Privacy policy](#) [Children's privacy policy](#)

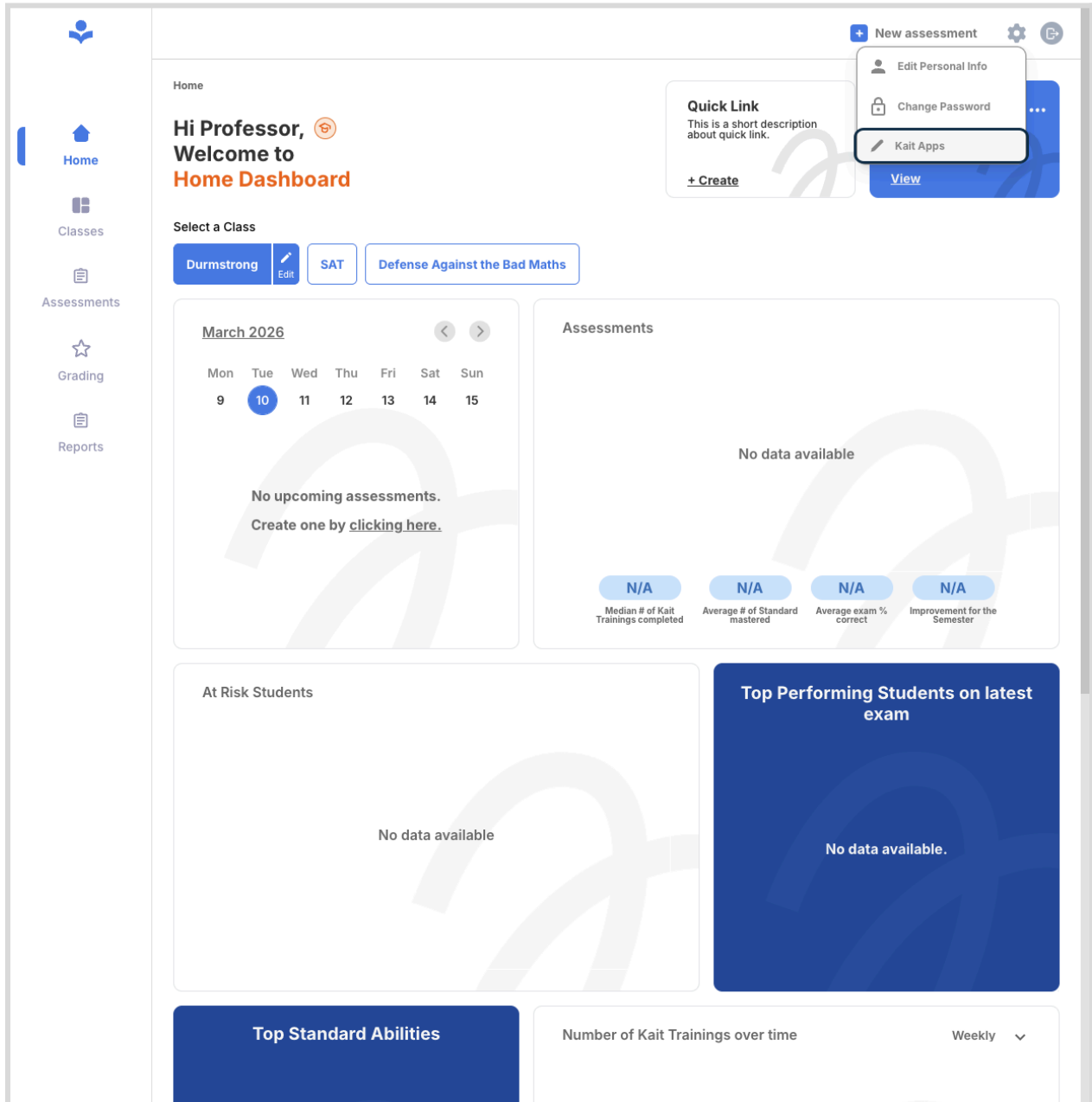
Downloading and Installing the KAIT Router Application

1. When you are signed in to your student portal, select “Settings” from the menu in the top right corner.




The screenshot displays the Swoop! Home Dashboard. On the left is a vertical navigation menu with icons for Home, Classes, Assessments, Grading, and Reports. The main content area is titled "Home" and features a welcome message: "Hi Professor, Welcome to Home Dashboard". Below this is a "Select a Class" section with buttons for "Durmstrong", "SAT", and "Defense Against the Bad Maths". A calendar for "March 2026" shows the 10th as the current date. The "Assessments" section contains a "No data available" message and four "N/A" status indicators for various metrics. The "At Risk Students" section also shows "No data available". A blue box titled "Top Performing Students on latest exam" contains "No data available.". At the bottom, there are two summary cards: "Top Standard Abilities" and "Number of Kait Trainings over time" with a "Weekly" dropdown menu.

2. Select "KAIT Apps" from the drop down menu




The screenshot displays the Swoop! Home Dashboard. On the left is a navigation sidebar with icons for Home, Classes, Assessments, Grading, and Reports. The main content area includes a user profile header, a 'Quick Link' section, a 'Select a Class' section with buttons for 'Durmstrong' and 'Defense Against the Bad Maths', a calendar for March 2026, and several data visualization widgets. A dropdown menu is open in the top right corner, showing options like 'Edit Personal Info', 'Change Password', and 'Kait Apps'.

Home

Hi Professor, 
Welcome to Home Dashboard

Quick Link
 This is a short description about quick link.
 + Create [View](#)

Select a Class

Durmstrong  SAT Defense Against the Bad Maths

March 2026

Mon	Tue	Wed	Thu	Fri	Sat	Sun
9	10	11	12	13	14	15

No upcoming assessments.
 Create one by [clicking here.](#)

Assessments

No data available

N/A	N/A	N/A	N/A
Median # of Kait Trainings completed	Average # of Standard mastered	Average exam % correct	Improvement for the Semester


At Risk Students

No data available

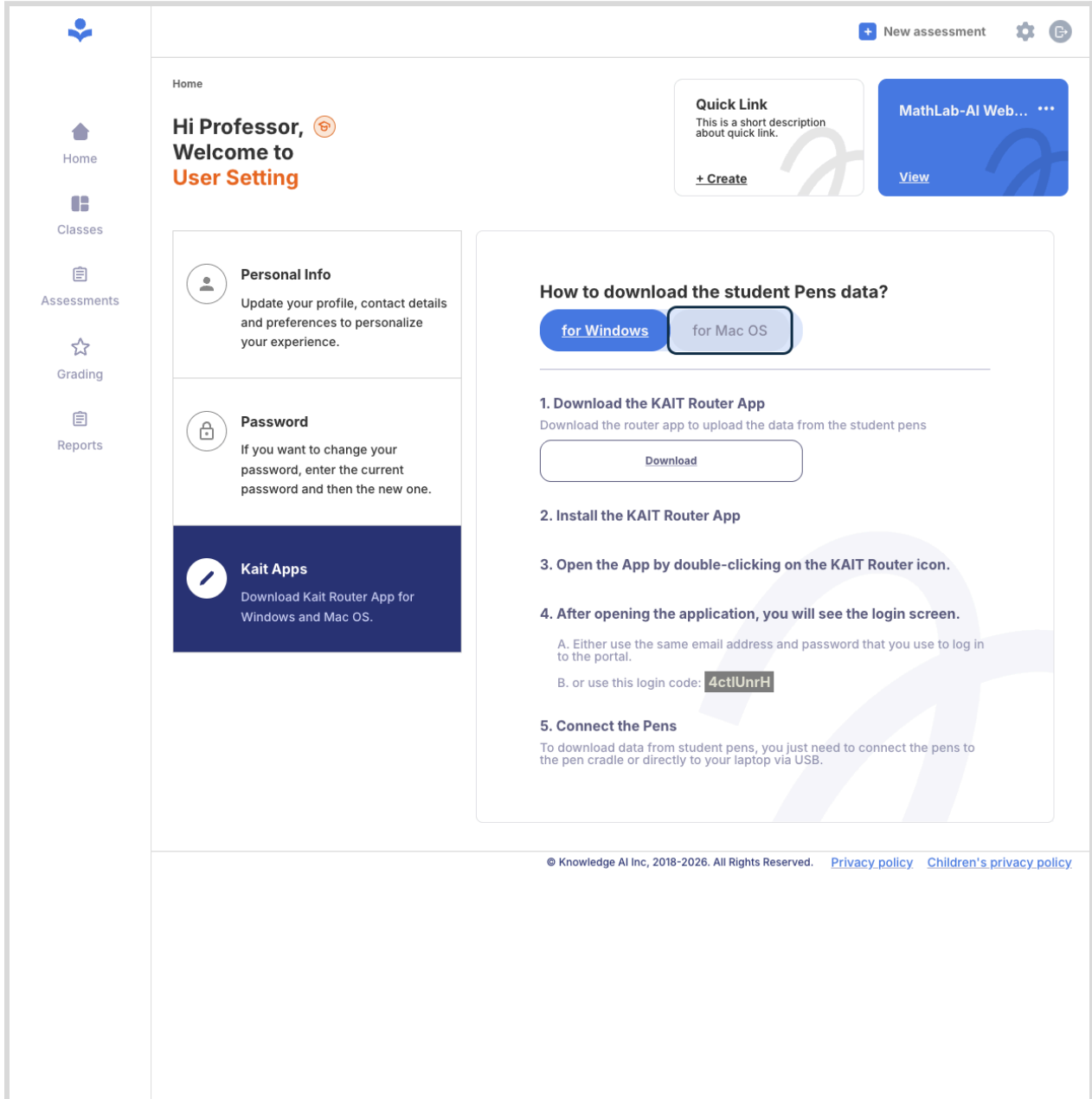
Top Performing Students on latest exam

No data available.

Top Standard Abilities

Number of Kait Trainings over time Weekly 

- Depending on which device you are using, Mac or Windows PC, select the device and then carry out the installation process



Home

Hi Professor, Welcome to **User Setting**

Quick Link
This is a short description about quick link.
[+ Create](#)

MathLab-AI Web... [View](#)

Personal Info
Update your profile, contact details and preferences to personalize your experience.

Password
If you want to change your password, enter the current password and then the new one.

Kait Apps
Download Kait Router App for Windows and Mac OS.

How to download the student Pens data?

[for Windows](#) [for Mac OS](#)

- 1. Download the KAIT Router App**
Download the router app to upload the data from the student pens
[Download](#)
- 2. Install the KAIT Router App**
- 3. Open the App by double-clicking on the KAIT Router icon.**
- 4. After opening the application, you will see the login screen.**
 - A. Either use the same email address and password that you use to log in to the portal.
 - B. or use this login code: **4ctlUnrH**
- 5. Connect the Pens**
To download data from student pens, you just need to connect the pens to the pen cradle or directly to your laptop via USB.

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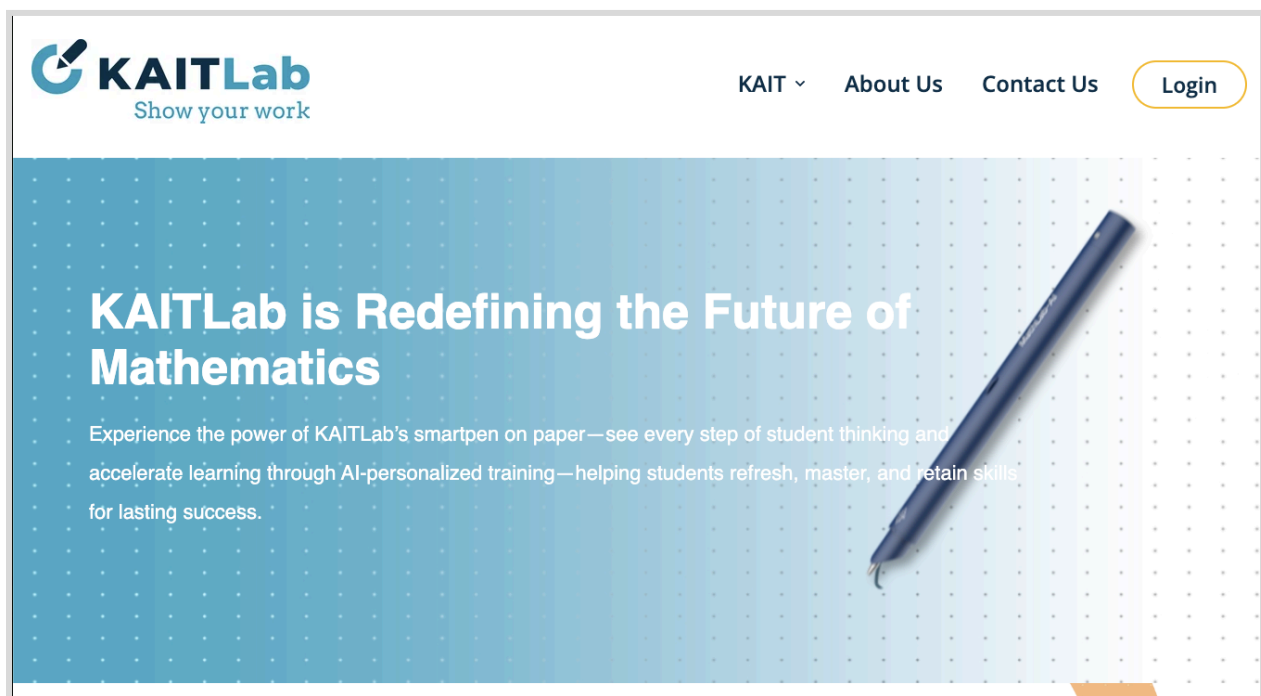
Student Dashboard

[Trainings and Progress](#)


Once your Skills Assessment has been completed, you will then be able to access the training sessions within your student portal.

To access these training sessions, navigate to: <https://kaitlab.com/>

Select Login from the top right corner of the navigation bar.

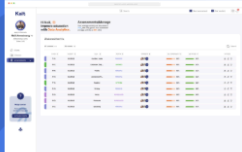


Sign in using your email address and password.



Start your journey with us

The most advanced platform for education data and large-scale personalized tutoring.



Log in

Welcome to KAIT!

Email

Password

Remember me [Forgot password?](#)

Log In

Log In With Google

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[Privacy policy](#)
[Children's privacy policy](#)

Select “Start Training”.

Kait
Settings

SK

Kait Training

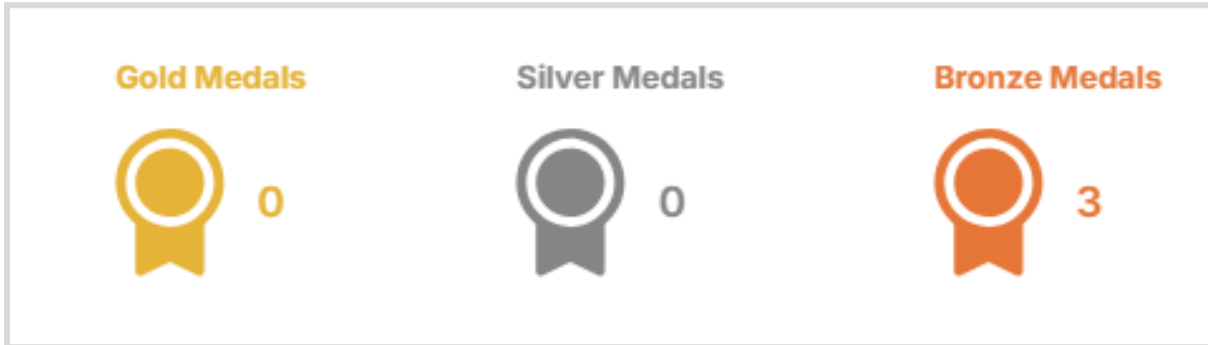
Gold Medals 0
Silver Medals 0
Bronze Medals 3

Trainings
My Progress
Change Duration

DATE	NAME	STATUS	INFO	ACTIONS
TUE 10 FEB	Training #33	PENDING	9 Questions 15 Minutes	Start Training
TUE 10 FEB	Training #32	COMPLETED	9 Questions 15 Minutes	Show progress
TUE 3 FEB	Training #31	COMPLETED	9 Questions 15 Minutes	Show progress
TUE 3 FEB	Training #30	COMPLETED	9 Questions 15 Minutes	Show progress

Medals

As you progress through your training sessions, you will earn medals based on the quantity of training sessions completed.



Student Dashboard - My Progress

To track your progress in mastering on-grade level standards, select “My Progress” from the left navigation panel.

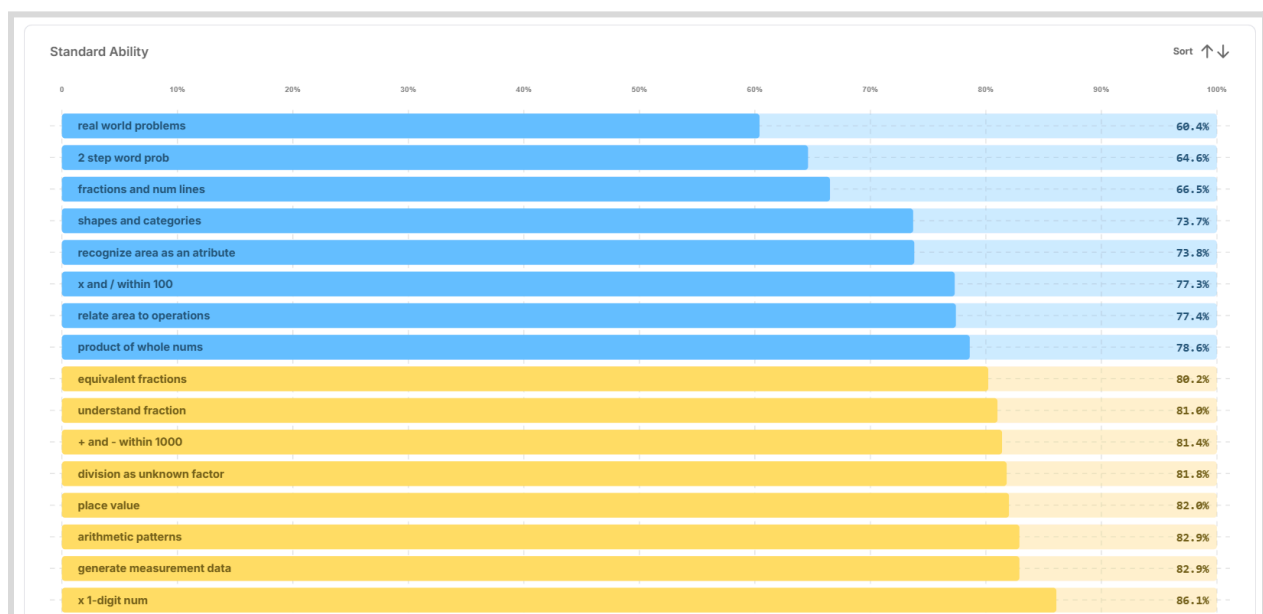


Standards Mastery

As you progress through your training sessions, your progress in mastering standards will be displayed using the following progression chart.

1. Blue: Standards which you have made adequate progress in mastering
2. Gold: Standards which have been mastered
3. Red: Standards which little progress has been made

For the purpose of measuring progress, standard mastery has been defined as 80% or better.

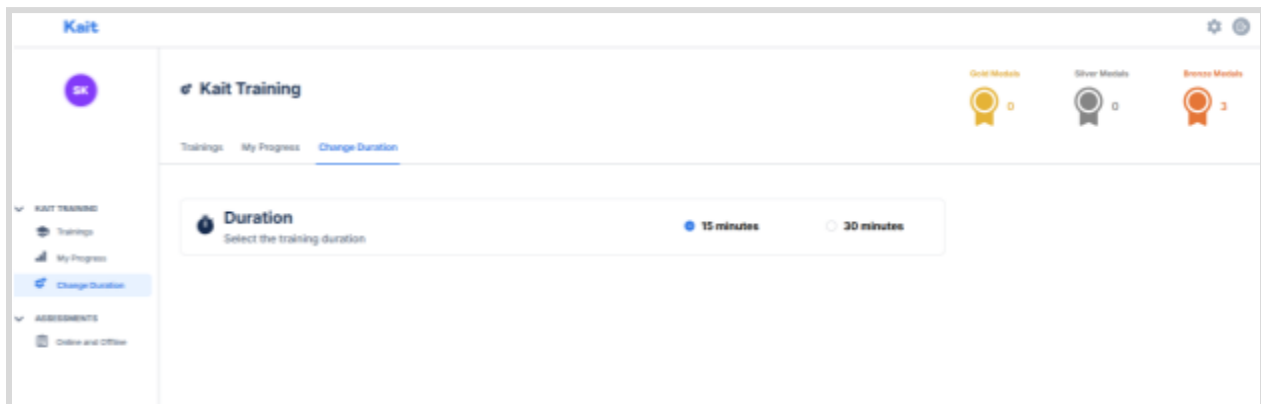


Student Dashboard - Change Duration

[Change Duration:](#)

In order to change the duration of your training sessions, select “Change Duration” from the navigation panel on the left. You will then have the option to adjust from 15 minute sessions to 30 minute sessions.

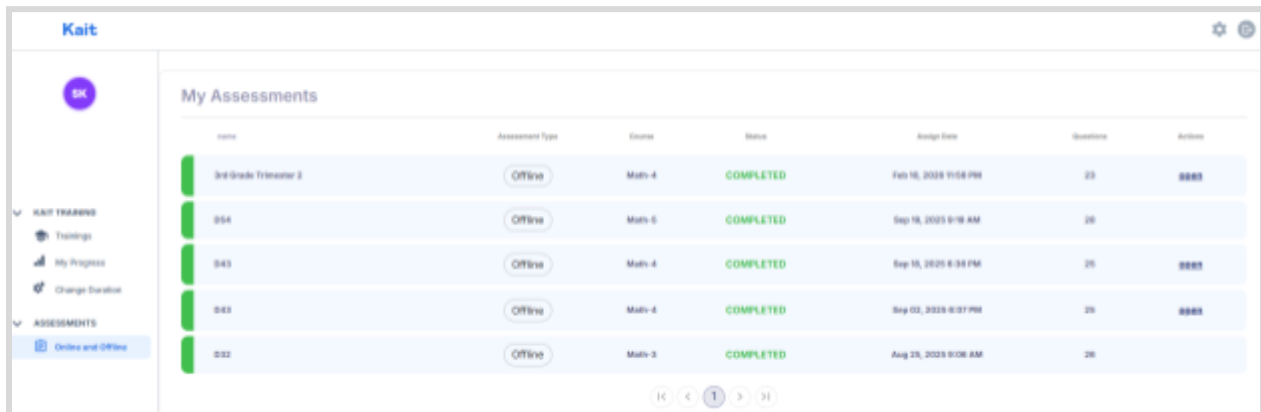
- Each 15 minute session will include nine questions focused on three separate math standards. Each standard will have three separate questions.
- Each 30 minute session will include 18 questions focused on six separate math standards. Each standard will have three separate questions.



Student Dashboard - Assessments

After you complete your Skills Assessment, the results will be visible by selecting “Assessments Online and Offline” from the left navigation panel.

To view your pencast of these assessments, you will select “Open” from the right hand column.



Name	Assessment Type	Course	Status	Badge Date	Questions	Action
3rd Grade Trimester 2	Offline	Math-4	COMPLETED	Feb 18, 2023 11:58 PM	23	OPEN
054	Offline	Math-5	COMPLETED	Sep 18, 2023 9:18 AM	26	
043	Offline	Math-4	COMPLETED	Sep 18, 2023 8:34 PM	25	OPEN
043	Offline	Math-4	COMPLETED	Sep 02, 2023 8:07 PM	25	OPEN
032	Offline	Math-3	COMPLETED	Aug 29, 2023 9:08 AM	26	

Implementation Plan

Skills Assessment

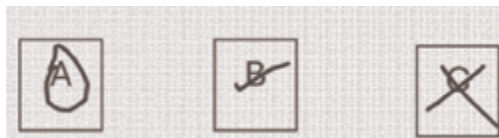
Upon receiving your Swoop! Kit, you will first carry out your Skills Assessment. To do this, carry out the following steps:

Note: When completing your assigned assessment, it's important that you only complete the assessment assigned to you. Do not continue working on any of the other assessments in the Big Book.

Prior to taking your Skills Assessment:

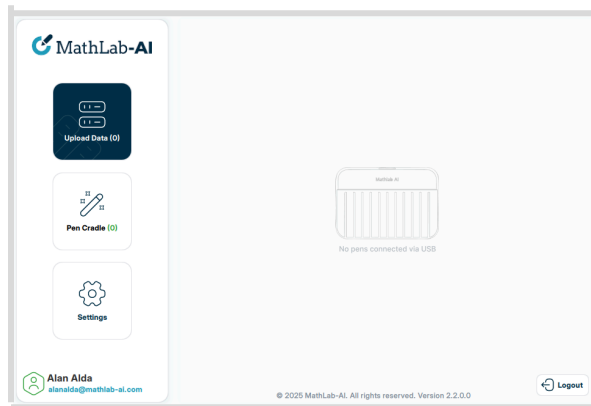
Make sure your Smart Pen has been adequately charged. To do this, connect your USB cable to the Smart Pen, and plug the other end of the cord into a charger or your computer for 1-2 hours.

1. Open your Big Book, to the assessment assigned to you (see options below):
 - a. D32
 - b. D43
 - c. D54
 - d. D65
 - e. D76
 - f. D87
 - g. DALG1
 - h. DGEO1
2. Turn on your Smart Pen by clicking clicking the power button the pen
 - a. When you click the power button you should see the LED light turn on.
3. Begin solving each problem within your assigned assessment.
4. **Showing your Work:**
 - a. Please show as much of your thinking and work as possible and write detailed solutions. Your reasoning is more important than whether your answer is correct.
 - b. Please mark your final answer **inside** the answer box using one of the methods displayed below:

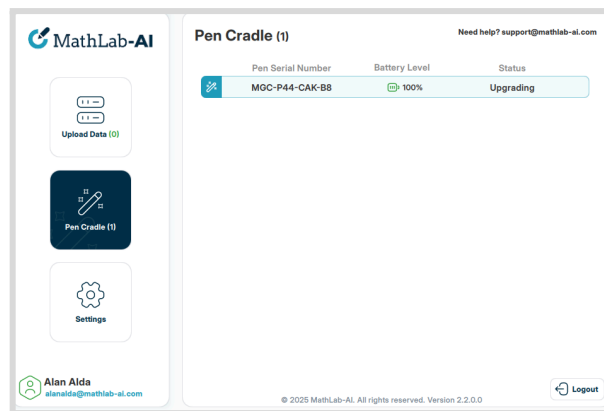


- c. If you marked a wrong answer, please put an 'X' over it and select another response. The last answer you choose will be counted.
 - d. Please do not guess. If you are unsure how to solve a problem, leave it blank rather than guessing.
5. Upon completion of your assessment:
 - a. Place the cap back on the Smart Pen.
 - b. Connect your Smart Pen to your computer (Windows PC, or Apple Mac) using the USB cord.

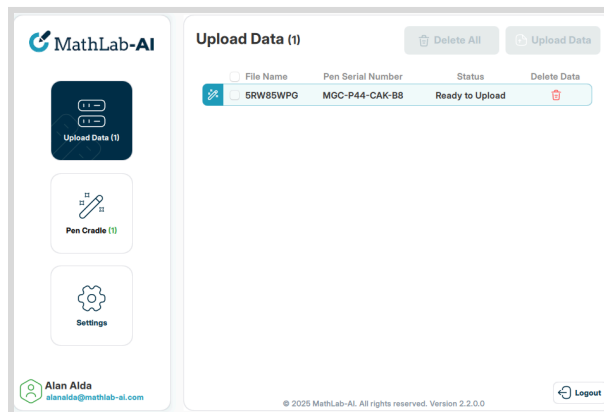
- c. Open your KAITLab Classroom Router Application and sign in using your email address and password:



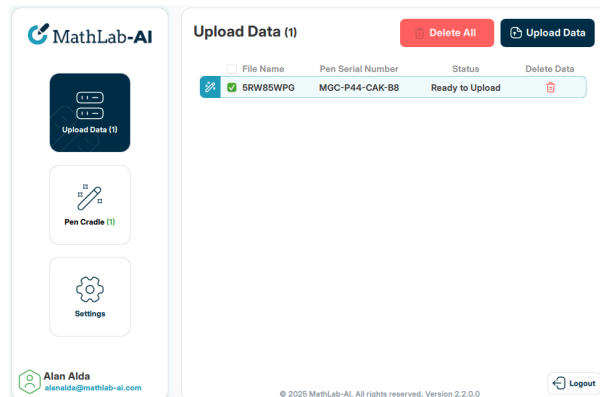
- d. Ensure that your pen has been recognized within the KAITLab Classroom Router



- e. Select “Upload Data” on the KAITLab Classroom Router. Here, you should see a file has been stored on your pen.



- f. Select the “Checkbox” next to the file name, and select “Upload Data” in the top right corner.

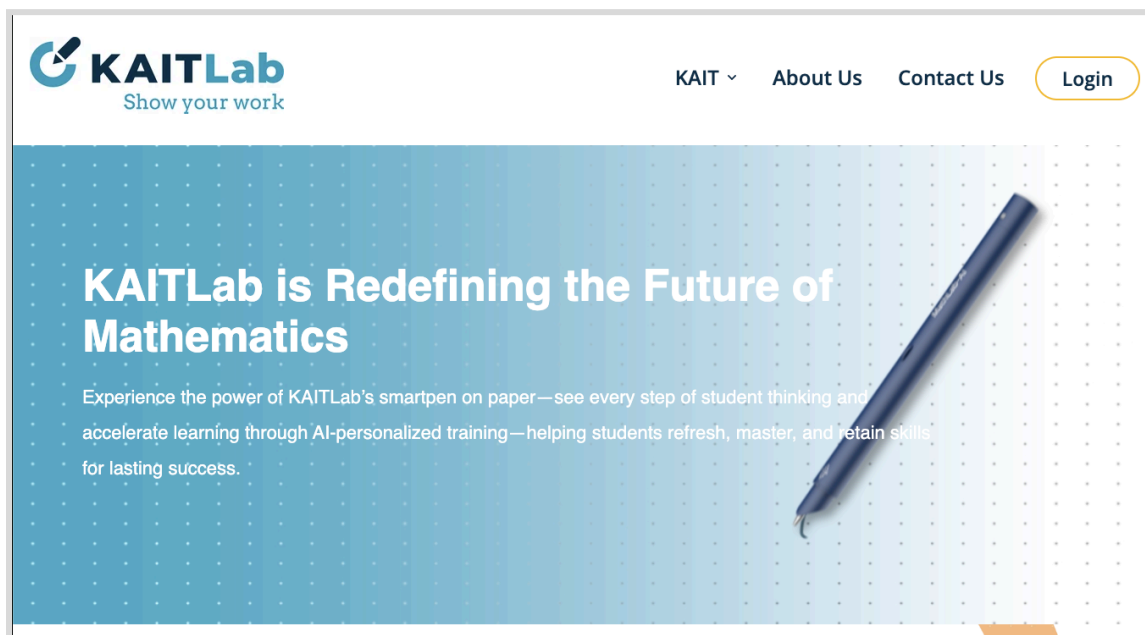


- g. After selecting “Upload Data” your file will be uploaded to our platform for analysis.
- h. Upon completion of your Skills Assessment Analysis, you will be notified via email that your AI Training Sessions are now ready to begin.

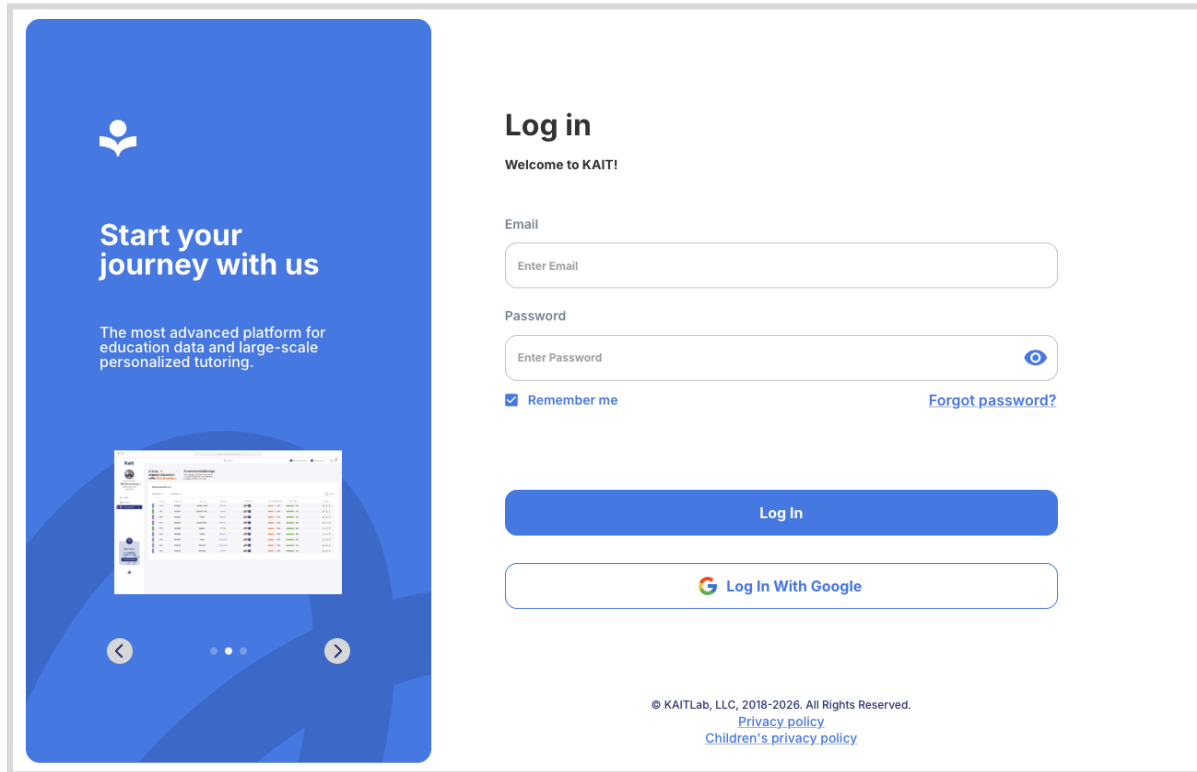
AI Training Sessions

Once your Skills Assessment has been completed, you will then be able to access the training sessions within your student portal.

1. To access these training sessions, navigate to: <https://kaitlab.com/>
2. Select Login from the top right corner of the navigation bar.

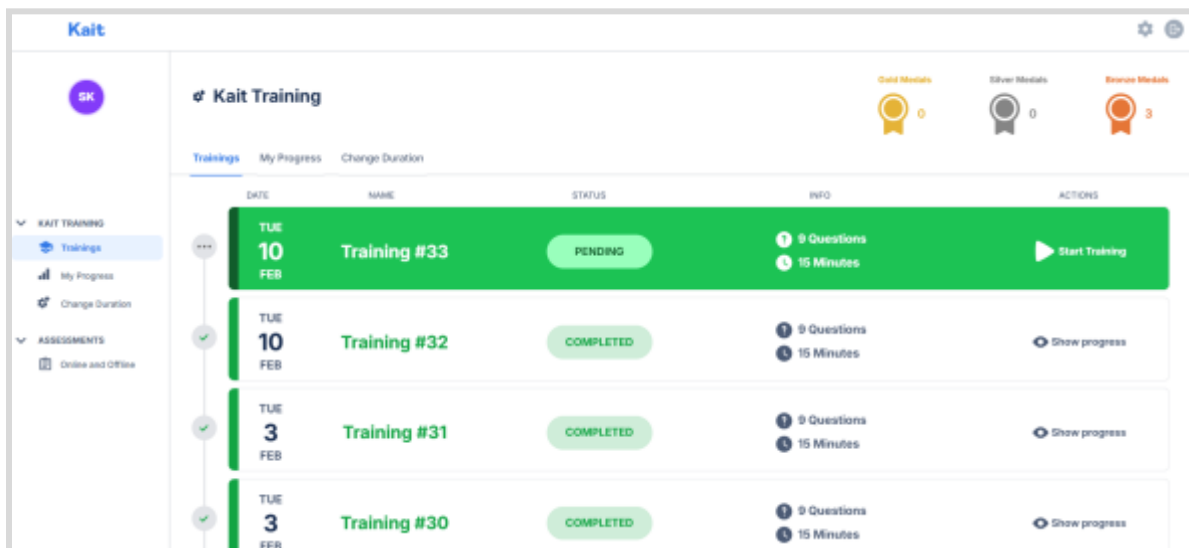


3. Sign in using your email address and password.



The screenshot shows the login interface for KAIT. On the left is a blue banner with the text "Start your journey with us" and "The most advanced platform for education data and large-scale personalized tutoring." Below this is a small preview of the application's data dashboard. The main content area is titled "Log in" and includes a "Welcome to KAIT!" message. It features input fields for "Email" and "Password", a "Remember me" checkbox, and a "Forgot password?" link. There are two buttons: a blue "Log In" button and a "Log In With Google" button. At the bottom, there is a copyright notice: "© KAITLab, LLC, 2018-2026. All Rights Reserved." with links to "Privacy policy" and "Children's privacy policy".

4. Select "Start Training"



The screenshot shows the "Kait Training" dashboard. At the top, there are three medal icons: Gold Medals (0), Silver Medals (0), and Bronze Medals (3). Below this is a table of training sessions. The table has columns for DATE, NAME, STATUS, INFO, and ACTIONS. The first row is highlighted in green and shows a "PENDING" status with a "Start Training" button. The other three rows show "COMPLETED" status with "Show progress" buttons.

DATE	NAME	STATUS	INFO	ACTIONS
TUE 10 FEB	Training #33	PENDING	9 Questions 15 Minutes	Start Training
TUE 10 FEB	Training #32	COMPLETED	9 Questions 15 Minutes	Show progress
TUE 3 FEB	Training #31	COMPLETED	9 Questions 15 Minutes	Show progress
TUE 3 FEB	Training #30	COMPLETED	9 Questions 15 Minutes	Show progress