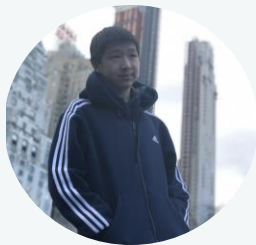




# Enhancing NYC IEPs with Tech Support

# Meet the Team



**Alvin Zeng**



**Rinchen Sherpa**



**Jae Choi**



**Kimberly Sanchez**



**Yuling Liu**



**Hasib Shaif**

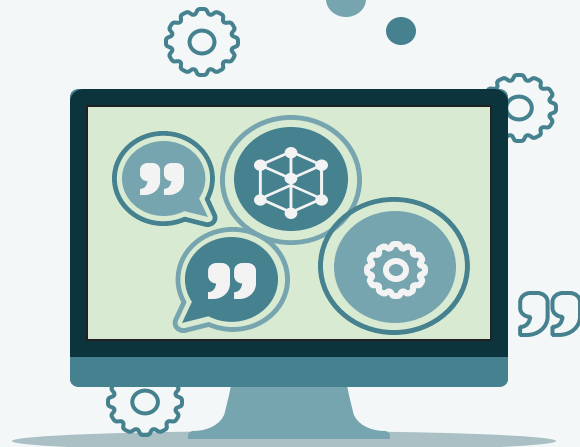
# Introduction to IEP

- ❖ Individualized Education Program that outlines a **student's educational needs, goals, and services** the student will receive.
- ❖ In NYC alone, there are over **200,000 students** that are eligible for an IEP.

Whether they have:

- learning disabilities
- speech/language impairments
- emotional disturbance

Students deserve the resources to succeed

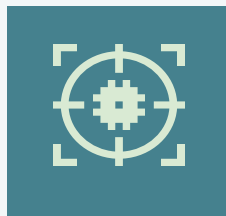


# Current Challenges



## Human Capital

- Average Class Size: 24:1
- With maximum 40% of students in IEP
- Burnout & Job Dissatisfaction



## Service Provided

- Insufficient tracking hinders timely interventions
- Delays in response to student needs



## Time Intensive Workload

- Significant time spent on logging progress and collecting data

# Data & Concepts

**20% estimated enrollment**

With an IEP every year in NYS

**113 students per school (19%)**

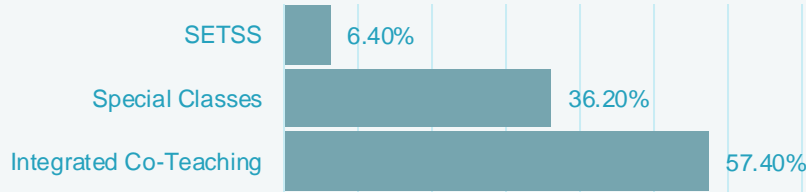
Average based on 1,602 public schools in NYC

**Graduation Rate: 63.6%**

Less than the 88% for students in general education

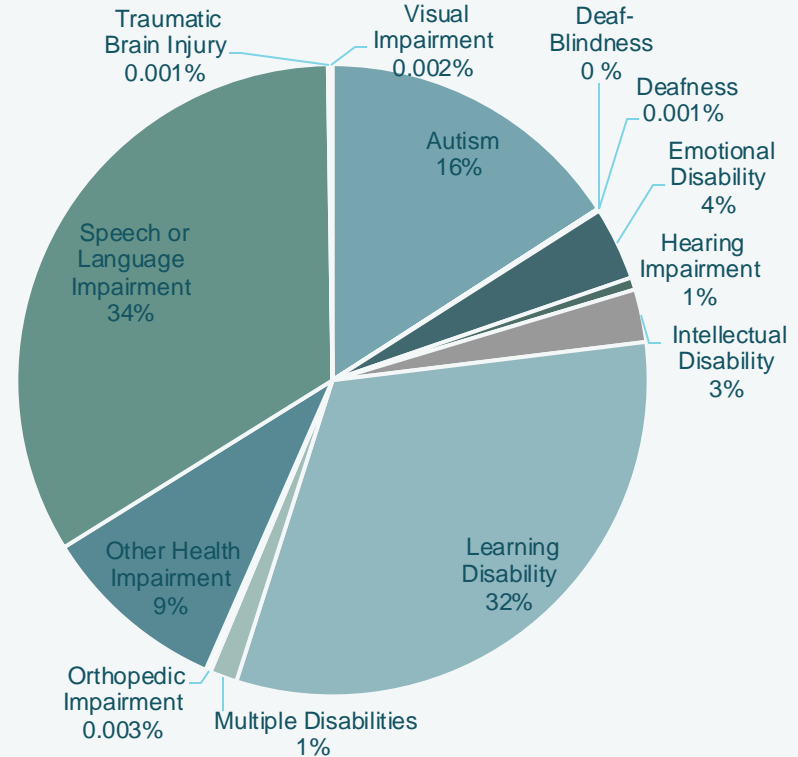
# Factors to Consider

## Delivery Percentages of Primary IEP - Recommended Programs from 2022-2023:

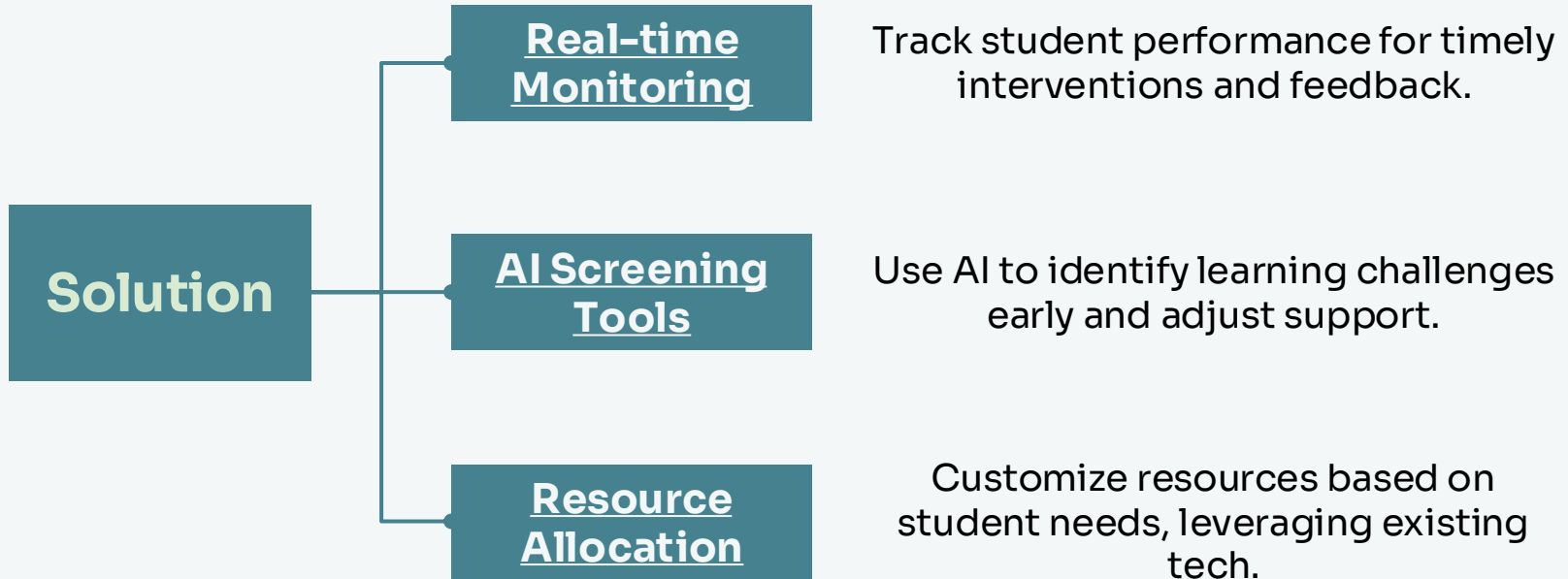


- Every service delivery program is aligned to achieve the most benefits for students through methods and settings.
- The use of AI tools can significantly contribute to the outlines and learning techniques.

## Student Disability Classification Report 2022-2023



# Proposed Solutions





# Dashboard



## Alerts

Hannah may require extra support in reading comprehension. Recent quizzes show a 30% decline in scores over the past two weeks.

5 mins ago

VIEW READING  
REPORT



Elijah is consistently missing key milestones in his goals for speech therapy. Consider scheduling a session with the specialist immediately.

20 mins ago

SCHEDULE SPEECH  
THERAPY



Ishaan's behavior logs show an increase in off-task behavior during class. Consider implementing a behavior intervention plan.

1 hour ago

START BEHAVIOR  
PLAN



## Overview



3 students submitted this week's assignment on time



2 students scored above 90% on this week's quiz



Spoke with 3 student's parents this week



Attendance was 100% this week!

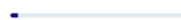
## Students

ALL STUDENTS



Elijah Carter

Progress

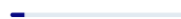


0/5



Hannah Sullivan

Progress

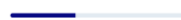


1/5



Ishaan Rao

Progress



3/5



Hana Lee

Progress



5/5



## Oct 2024

Mon Tue Wed Thu Fri Sat Sun

28 29 30 31 01 02 03



Date/Time

Oct 29th, 2024

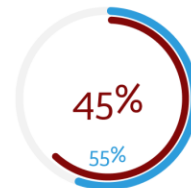
12:30 AM - 2:30 PM

Meeting w/ Mark

Topic: Discuss the student's consistent difficulties with algebraic concepts, especially solving equations and word problems.

## Insights

### STUDENT PARTICIPATION



Low participation Active participation

### BEHAVIOR

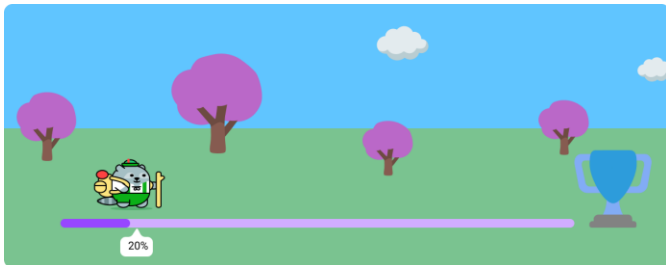


Positive Behavior Behavior Intervention Needed





## Overall Progress



## Quick Stats

Attendance



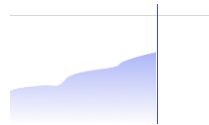
Present Absent

Assignment Completion



Submitted Missing

Reading Comprehension Progress



## IEP Goals

[VIEW ALL GOALS](#)

Articulation



Daily Verbal Communication



## IEP Accommodations

[VIEW ALL ACCOMMODATIONS](#)

Speech Therapy

30 min, twice a week

Assistive Technology

Speech-to-text app

Sensory Support

Noise-cancelling headphones

Extra Time

For oral presentations

Visual Aids

Picture cards

Positive Reinforcement

Reward system for following routines

## Assignments

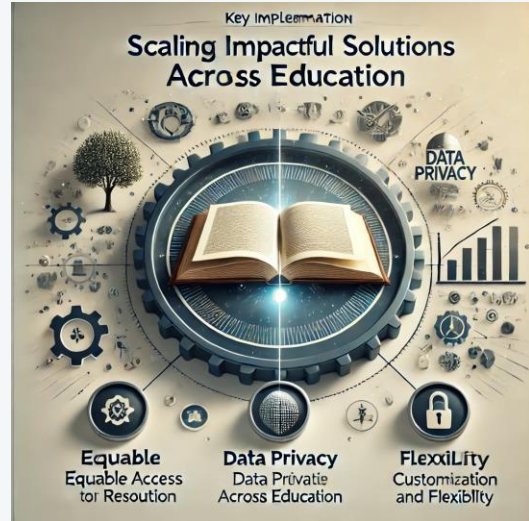
	Due Date	Subject	Grade
Worksheet: Fractions Submission Status: Submitted	11/4/2024	Math	Ungraded <a href="#">GRADE NOW</a>
Lab Report: Plant Growth Observations Submission Status: Overdue	11/5/2024	Biology	0/10 (Missing) <a href="#">VIEW AI INSIGHTS</a>
Worksheet: Identifying Literary Devices in Poems Submission Status: Completed	11/5/2024	English	9/10 <a href="#">VIEW AI INSIGHTS</a>
Practice: Correcting Run-On Sentences Submission Status: Completed	11/6/2024	English	3/10 <a href="#">VIEW AI INSIGHTS</a>

# Stakeholder Impact

Stakeholders	Interest	Impact	Proposed Funding Allocation	Estimated Priority
<ul style="list-style-type: none"><li>Students</li></ul>	<ul style="list-style-type: none"><li>Personalized Learning</li><li>Timely Intervention</li></ul>	<ul style="list-style-type: none"><li>Enhanced engagement and academic success</li><li>Improved outcomes and reduced frustration</li></ul>	<ul style="list-style-type: none"><li>\$100 millions</li></ul>	<ul style="list-style-type: none"><li>High</li></ul>
<ul style="list-style-type: none"><li>Teachers</li></ul>	<ul style="list-style-type: none"><li>Reduced Workload</li><li>Effective instructional tools</li></ul>	<ul style="list-style-type: none"><li>More time for instruction and student support</li><li>Improved teaching effectiveness</li></ul>	<ul style="list-style-type: none"><li>\$50 millions</li></ul>	<ul style="list-style-type: none"><li>High</li></ul>
<ul style="list-style-type: none"><li>Administrators</li></ul>	<ul style="list-style-type: none"><li>Efficient resource allocation</li><li>Data-driven decision making</li></ul>	<ul style="list-style-type: none"><li>Better allocation of staff and resources</li><li>Increased accountability and program quality</li></ul>	<ul style="list-style-type: none"><li>\$30 millions</li></ul>	<ul style="list-style-type: none"><li>High</li></ul>
<ul style="list-style-type: none"><li>Families</li></ul>	<ul style="list-style-type: none"><li>Transparency in progress</li><li>Access to support resources</li></ul>	<ul style="list-style-type: none"><li>Greater involvement &amp; support</li><li>Improved student success at home</li></ul>	<ul style="list-style-type: none"><li>\$20 millions</li></ul>	<ul style="list-style-type: none"><li>Medium</li></ul>

# Scaling Impactful Solutions Across Education & Key Implementation

Through this app, IEPs can become adaptable, data-driven, and personalized, meeting each student's unique needs with unprecedented precision.





# Thank You!

Do you have any questions?

