



GPS Growing
Pathways
for Students
GUIDING PROGRESS, UNLOCKING POTENTIAL

Revolutionizing K-12 Education in South Carolina

When we use a GPS to plot a journey, we have to know our starting point. Data visualization tools allow educators to make sense of complex student achievement information, allowing them to chart a clear path to success for every student.

Overview

GPS serves as South Carolina's modern, data-driven K-12 decision-support system, aimed at enhancing student outcomes. By seamlessly integrating data from various educational facets—such as academic performance, teacher preparation quality, and financial resources—**GPS** streamlines analyses and visualizations. This enables informed timely decision-making, promotes transparency, and facilitates collaborative efforts among educators, policymakers, and parents. Ultimately, it supports South Carolina's goal of achieving 75% of students at or above grade level by 2030 and preparing every child to be college, career, or military ready.

From Data to Impact

GPS transforms data into actionable insights through two main components:



Data Analytics Engine

- **Integrated Data:** Connects previously siloed data from multiple systems (such as Student Information Systems (SIS), assessment platforms, and financial systems).
- **Consistent Data:** Utilizes industry Ed-Fi standards for seamless integration, ensuring accurate and timely data exchange.
- **Security and Local Control:** Grants districts their own Operational Data Store (ODS) for secure data access and local governance while contributing to statewide insights.



Visualization and Reporting Platform

- **Administrator Navigator:** Supports strategic planning and accountability for superintendents and principals, featuring metrics on student performance, attendance, educator workforce data, and more.
- **Teacher Navigator:** Provides classroom-level insights with student profile cards, real-time alerts, and assessment dashboards, enhancing instructional planning and intervention.

Next-Generation Tools in Development: *GPS is expanding its offerings in vital areas.*

- **Educator Preparation Pipeline:** Streamlines data on educator preparation, supporting workforce planning, and reducing reporting burdens.
- **College, Career & Military Readiness:** Monitors student readiness and maps coursework to postsecondary credits.
- **Education Finance:** Develops transparent financial reporting systems, allowing accurate comparisons across districts and enhancing financial insight.

The South Carolina Department of Education (SCDE), with its GPS Partner agency SC Education Oversight Committee (EOC), prioritizes data privacy and security above all. No personal student information will be accessible to non-FERPA authorized sources. Furthermore, any data used in policy-making processes will be de-identified to protect student confidentiality. We emphasize this commitment to privacy consistently to ensure trust and transparency among students, parents, and educational stakeholders.



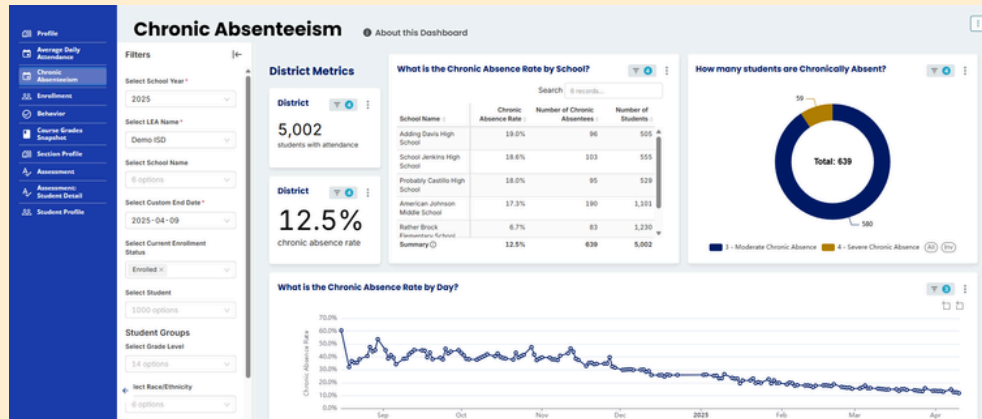
GPS In Action

The examples below are drawn from real-life situations. Names of educators, students, and districts have been changed to ensure privacy.

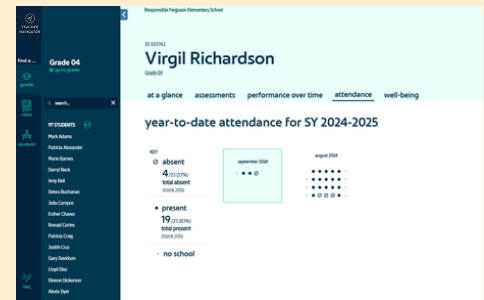
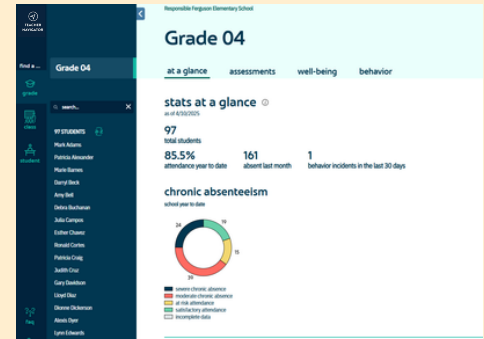
Identifying Chronic Absenteeism

Early identification of trends can mitigate long-term effects of poor attendance.

EX: Ms. Smith, a dedicated teacher, utilizes **GPS** to view her students' attendance records, identifying trends in absenteeism that require administrative intervention. This proactive approach ensures timely support for students, fostering academic success.



District Leaders' Access

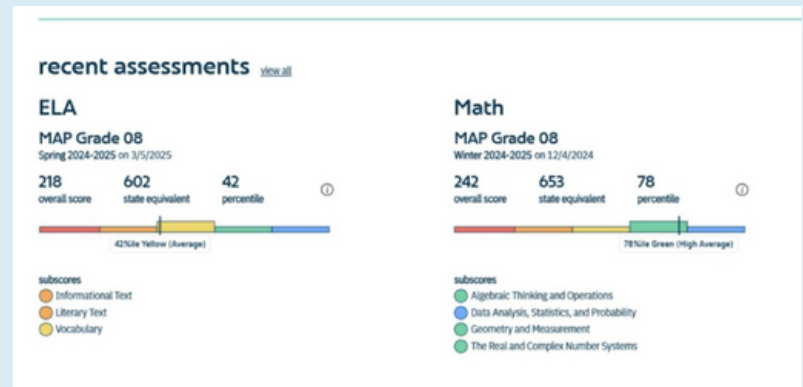


Educators' Access

Skill Analysis and Differentiation

Student-level and class-level data enable teachers to tailor small group instruction based on demonstrated academic needs.

EX: Mr. Calhoun analyzes student performance on formative assessments through **GPS**. By identifying strengths and weaknesses in different competencies, he customizes instruction to better meet each student's needs, improving overall class performance.



Educators' Access

Recovering Funding Through Accuracy

Data visualization capabilities help administrators quickly identify financial trends and effectively deploy resources for student support.

EX: Spero School District utilizes **GPS** to verify student data uploads essential for securing funding. By identifying an issue with their fourth-grade data submission, they recovered \$150,000 in funding critical for student support.

“GPS helps me analyze students' strengths and weaknesses based on their academic profile, including current and past data points, which allows me to better plan and inform instruction. Data is easy to analyze due to color coding and visual representations. Demographic and academic data can be examined as a whole class or by individual students.”

- South Carolina Teacher