

Strategic Plan | Specific Result Report

Goal 6 Action Plan Year 4 Priorities – 2020-2021

Call to Action:

Katy ISD learners, through active engagement, achieve individual success while making positive contributions in an ever-changing world.

Goal 6:

Katy ISD will address flaws in the state finance and student assessment systems in order to regain local control.

Specific Result:

6.2 Develop a professional analysis of the student assessment and accountability systems to inform an action plan for the school board, administration, and community to regain local control.

Summary Report:

The Department of Research, Assessment, and Accountability worked with Dr. Rudy Guerra, Professor at Rice University to conduct statistical research on various assessment measures. These measures included STAAR, SAT, PSAT, AP, Katy ISD District Learning Assessments (DLAs), and high school GPAs. The analysis examined the correlation between STAAR compared to other metrics of achievement. Although there was variation in the degree of correlation, the analysis proves useful as Katy ISD administration can use the results to inform future analysis and processes in the assessment systems. As an example, knowing that the correlation between English I STAAR EOC and the Evidence Based Reading and Writing portion of the SAT is statistically significant ($r \approx .7$), staff can identify students who will do well on the SAT and those who may need additional SAT preparation prior to taking that exam for college entrance.

The compilation of this analysis allows administration to utilize the various data sets in harmony with each other rather than stand-alone data points. This gives a more complex picture of students and their achievement levels so they can be surrounded with specific supports.