The Grade 11 PSSA-PVAAS Scatterplots visually display the following data from the statewide distribution of PSSA results for 2009-10.

- **Achievement**
  - The mean *predicted* performance of the cohort
  - The actual mean performance of all students in the state is displayed for reference.

- **Growth**
  - School Effect ≈ Observed Mean – Predicted Mean
  - Standardized School Effect = School Effect relative to its error – this displays the amount of evidence.

The information below explains the meaning of each of the regions of an 11th grade scatterplot.
PVAAS Scatterplot - Statewide Grade 11 Mathematics

PVAAS Scatterplot - Statewide Grade 11 Reading