



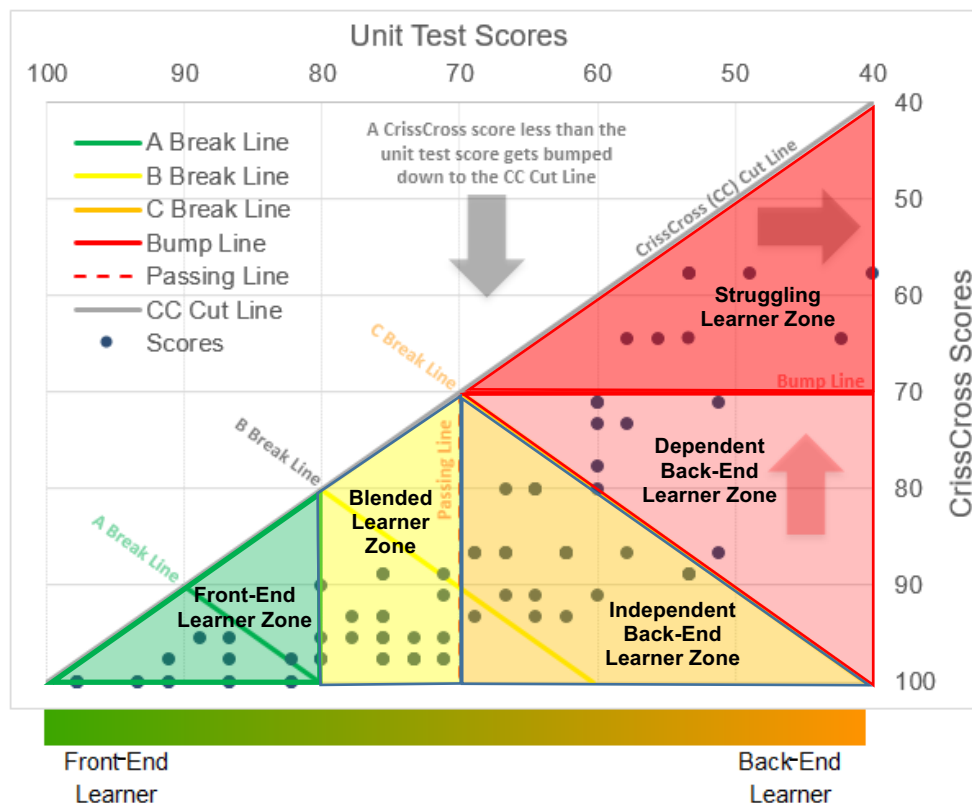
Learners

Front-End vs. Back-End

We know that students have different learning styles: visual, auditory, reading/writing, and kinesthetic. Students also have different approaches to demonstrating mastery – front-end learner vs back-end learner.

Front-End Learner	Blended Learner	Back-End Learner	Struggling Learner
<ul style="list-style-type: none"> natural aptitude or prepares well for assessments uses CrissCross to extend or verify understanding can explain verbally or in writing, can solve the majority of problems has an in-depth understanding of how but may lack a full understanding of why requires little to no teacher assistance or reteaching may demonstrate mastery prior CrissCross activity 	<ul style="list-style-type: none"> prepares for assessments uses CrissCross to verify understanding. can partially explain verbally or in writing. can begin but not fully complete or correctly solve problems without some teacher assistance. lacks a full understanding of how and why requires a little teacher assistance or reteaching demonstrates mastery after CrissCrossing 	<ul style="list-style-type: none"> may prepare little to none or poorly for assessments uses CrissCross to develop understanding student possesses a sparse knowledge can not complete or correctly solve problems without teacher assistance has no in-depth understanding of how or why before CrissCrossing requires teacher assistance or reteaching may demonstrate mastery upon completion of CrissCross activity <ul style="list-style-type: none"> independent Learner – Achieves mastery with some reteaching while CrissCrossing dependent Learner – Achieves mastery with reteaching while CrissCrossing. 	<ul style="list-style-type: none"> student needs reteaching and possible retesting opportunity. does not demonstrate mastery after CrissCross student may be misplaced student may not be working at their ability level.

Scores and Grade Break Scatter Plot



NOTE – The zones will shift as the assessment weights and improvement multiplier are varied. A point may represent more than one student.