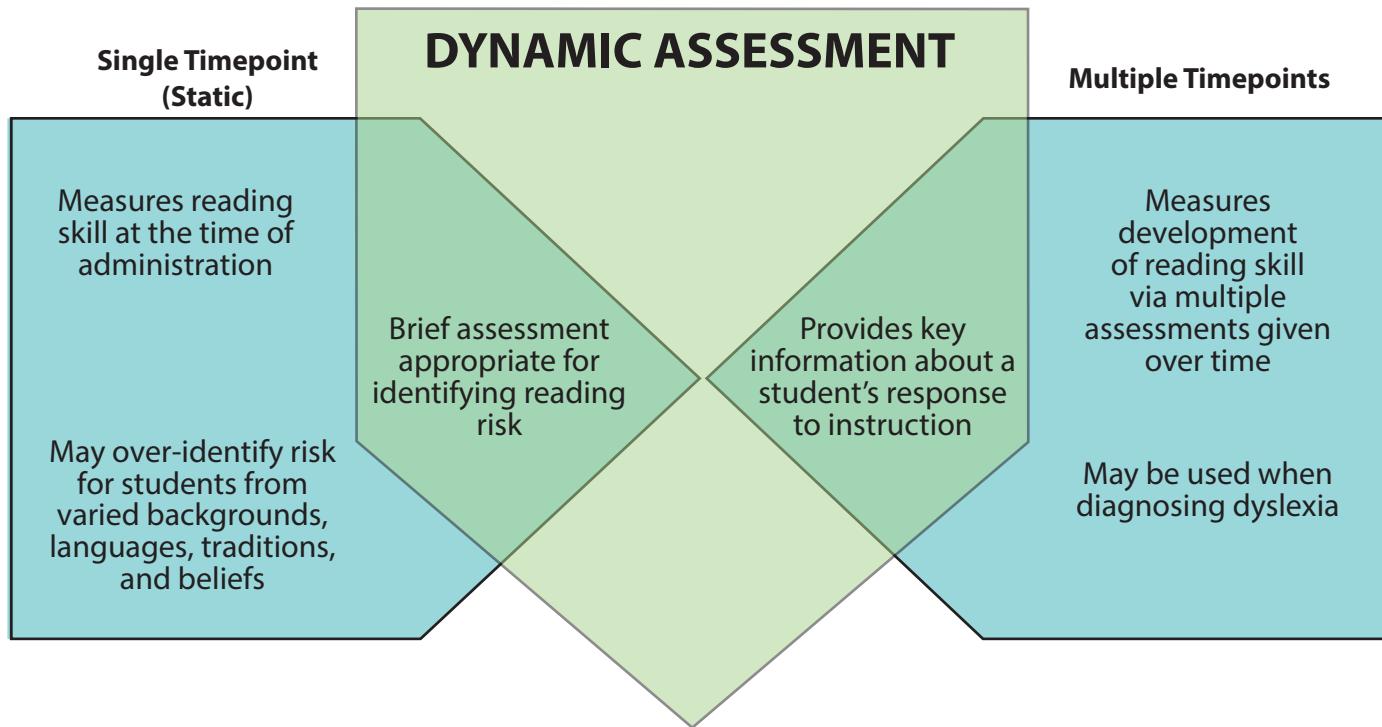


Dynamic Assessment

Petersen, D. B., Gragg, S. L., & Spencer, T. D. (2018). Predicting reading problems 6 years into the future: Dynamic assessment reduces bias and increases classification accuracy. *Language, Speech, and Hearing Services in Schools*, 49(4), 875-888.

Dynamic assessment is a testing approach that focuses on how well a student can learn something new as opposed to what a student currently knows. It combines features of single timepoint or “static” assessment and multiple timepoint assessment to predict reading problems, as seen in the diagram below.



Benefits of a Dynamic Assessment (DA) of Decoding

Accurate Prediction

Petersen et al. found the DA of decoding in kindergarten predicted reading problems in 2nd through 5th grade more accurately than static tests.

Early Identification

DA can be used to screen incoming students as early as kindergarten because it does not measure prior knowledge, but the ability to learn.

Statistical Bias Reduction

Petersen et al. found that static tests disproportionately overidentified Hispanic students' reading risk, while DA mitigated this bias.

Efficiency

The DA used by Petersen et al. took approximately 3 minutes per student to administer.