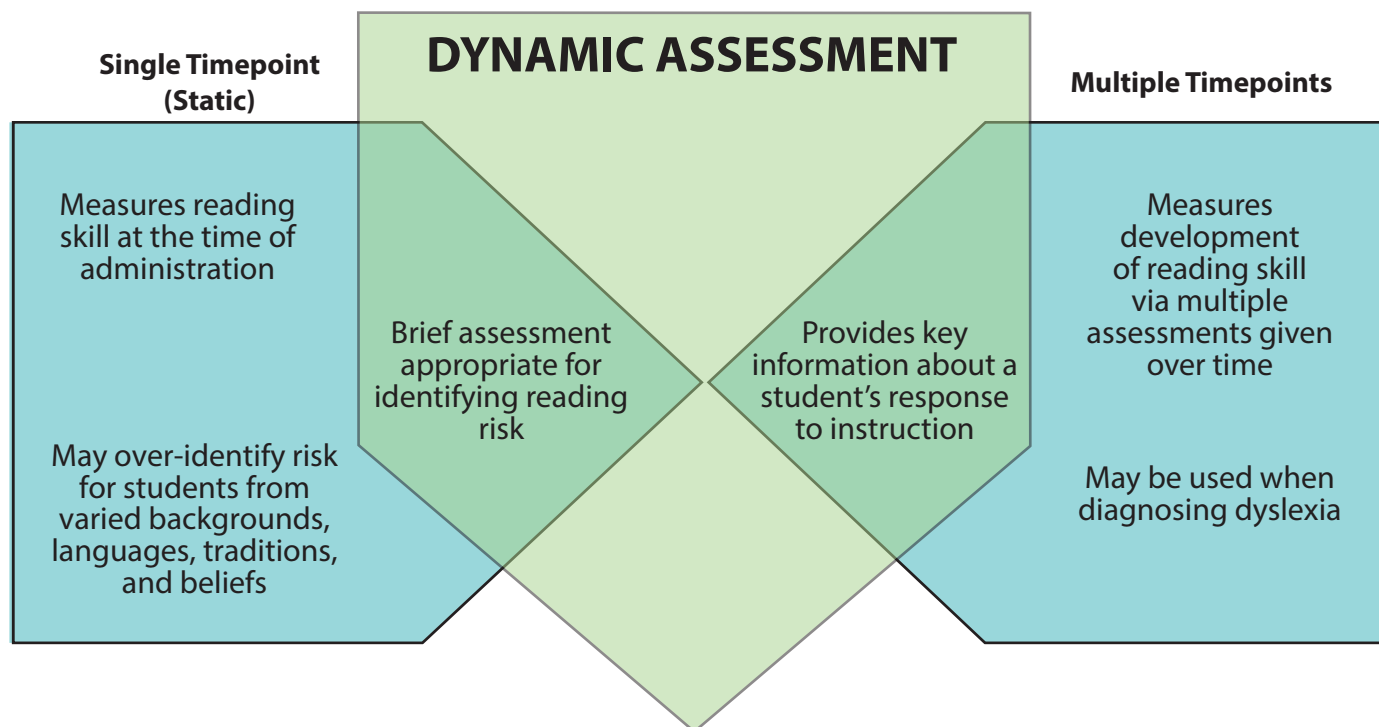


# Dynamic Assessment

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.