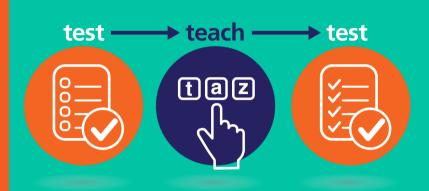
# PREDICTING READING PROBLEMS 6 YEARS INTO THE FUTURE

Dynamic Assessment Reduces Bias & Increases
Classification Accuracy

### **PURPOSE**

Can a 3-minute dynamic assessment accurately identify kindergarten students who will have difficulty learning to decode?



## **METHOD**

diverse kindergarten students
were administered the Decoding
subtest of the PEARL and their
decoding skills were followed for
years.

## **RESULTS**

The 3-minute dynamic assessment predicted which students would have decoding difficulties in the 5th grade with 75%-80% accuracy.



### **RESULTS**

Static measures of Letter Naming
Fluency and First Sound Fluency did not
predict later decoding problems or
improve the dynamic assessment's
classification accuracy.

Petersen, D. B., Gragg, S. L., & Spencer, T. D. (2018). Predicting reading problems six years into the future: Dynamic assessment reduces bias and increases classification accuracy.

Language, Speech, and Hearing Services in Schools, 49, 875-888.