

Proposed Work

Project DIMES: Goal 5(Measurement) funded project to develop a computer adaptive, diagnostic assessment of teachable morphological skills for students in Grade 3 to 5.

Purposes

1. The assessment assists teachers in evaluating students' strengths and weaknesses in morphological skills so that they can identify underlying challenges to reading success and design instruction accordingly.
2. The assessment provides researchers with a standardized tool for qualifying upper elementary students' morphological skills, thereby improving the validity and reliability of the measurement of these core outcomes in reading research.

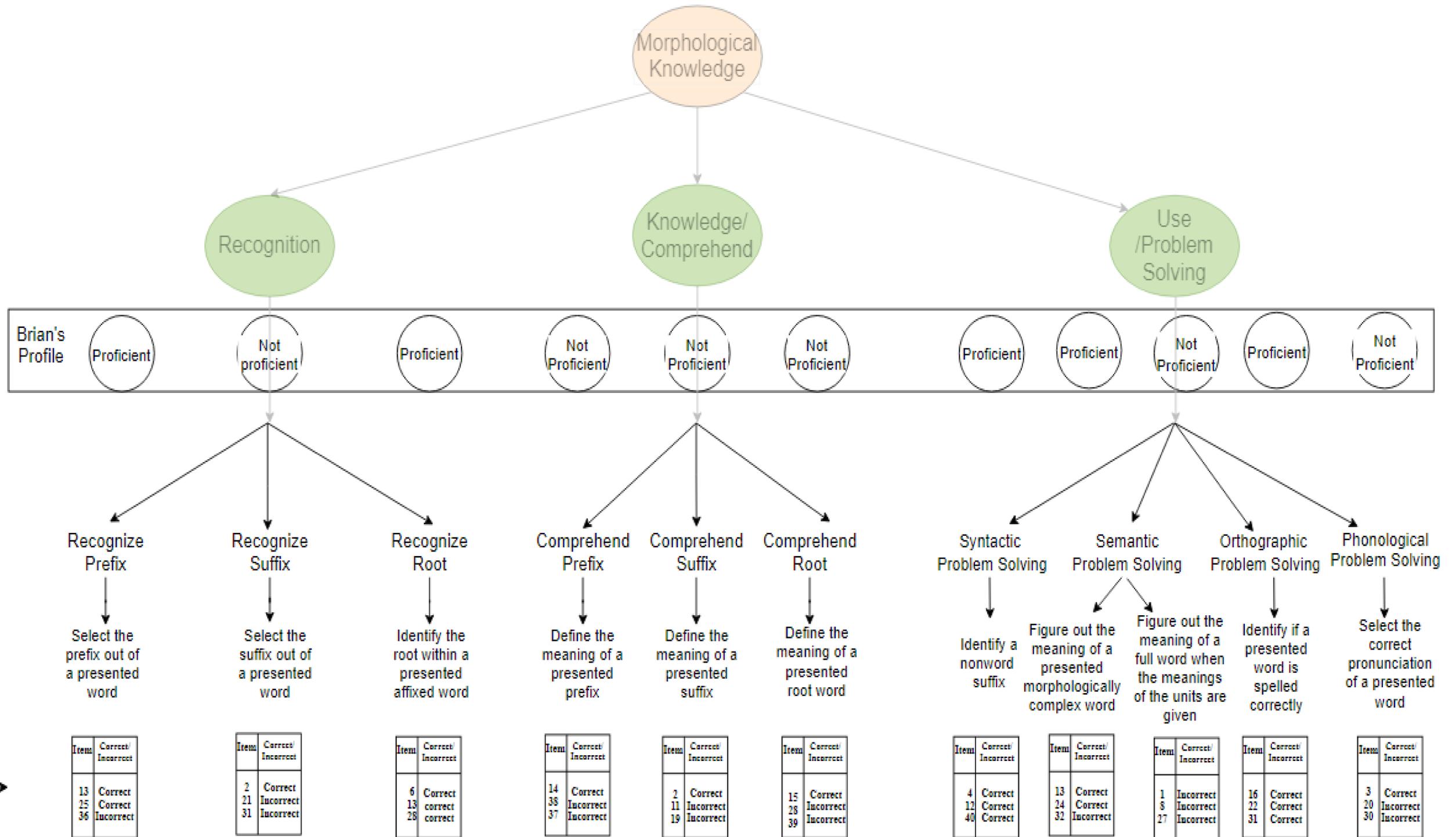
Planned Methods

Development of this assessment is guided by evidence-centered design (ECD) for principled assessment development, incorporating multiple iterations of validation methodologies.

Evidence-centered design (ECD)

On the next slide, we present our Student Model, followed by our Evidence Model with tasks embedded.

Student Model



Brian's Responses to Test Items →

Evidence Models

