

UBEATS DATA SHOWS OPPORTUNITY FOR E-LEARNING MODULE IMPROVEMENT

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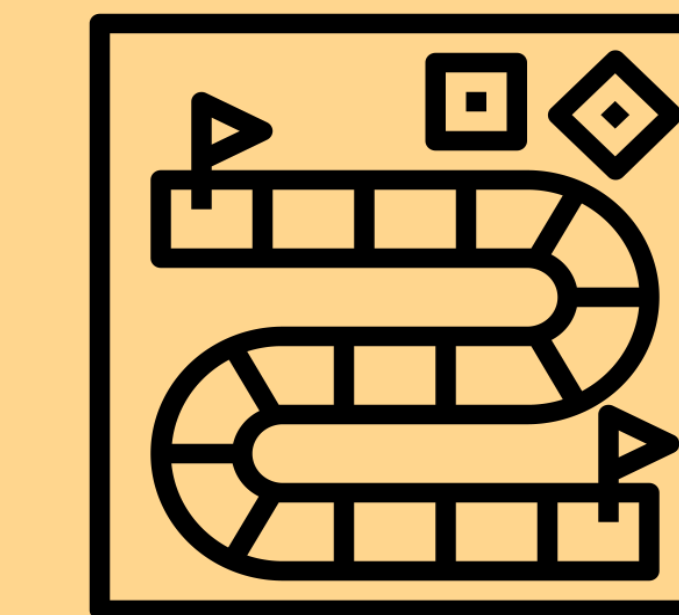
uBEATS

- Free e-learning modules for grades 6-12
- Designed as a resource to educate and promote health science

Aims Statement



The purpose of this project is to identify how to improve uBEATS student's engagement and assessment scores

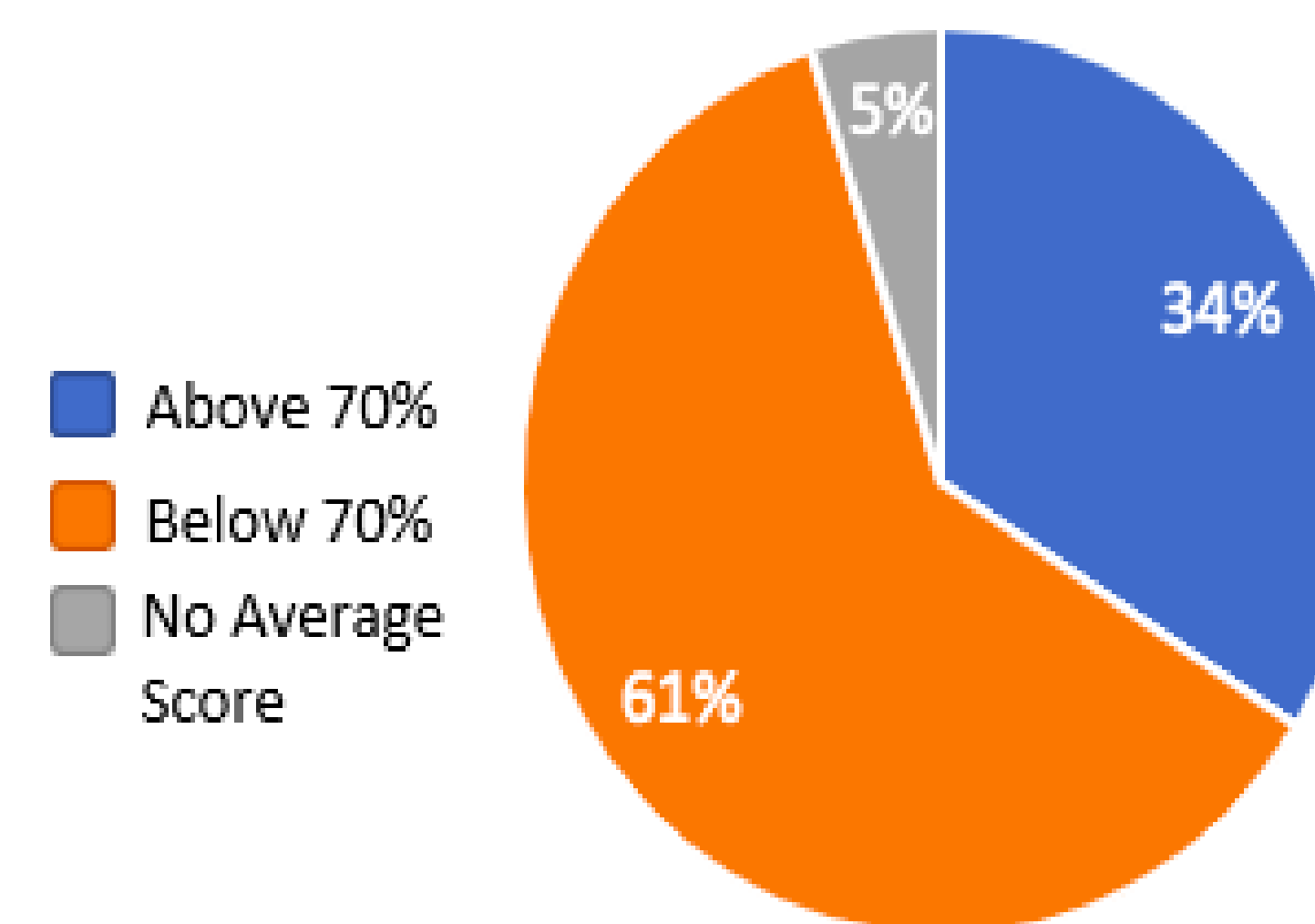


Methods

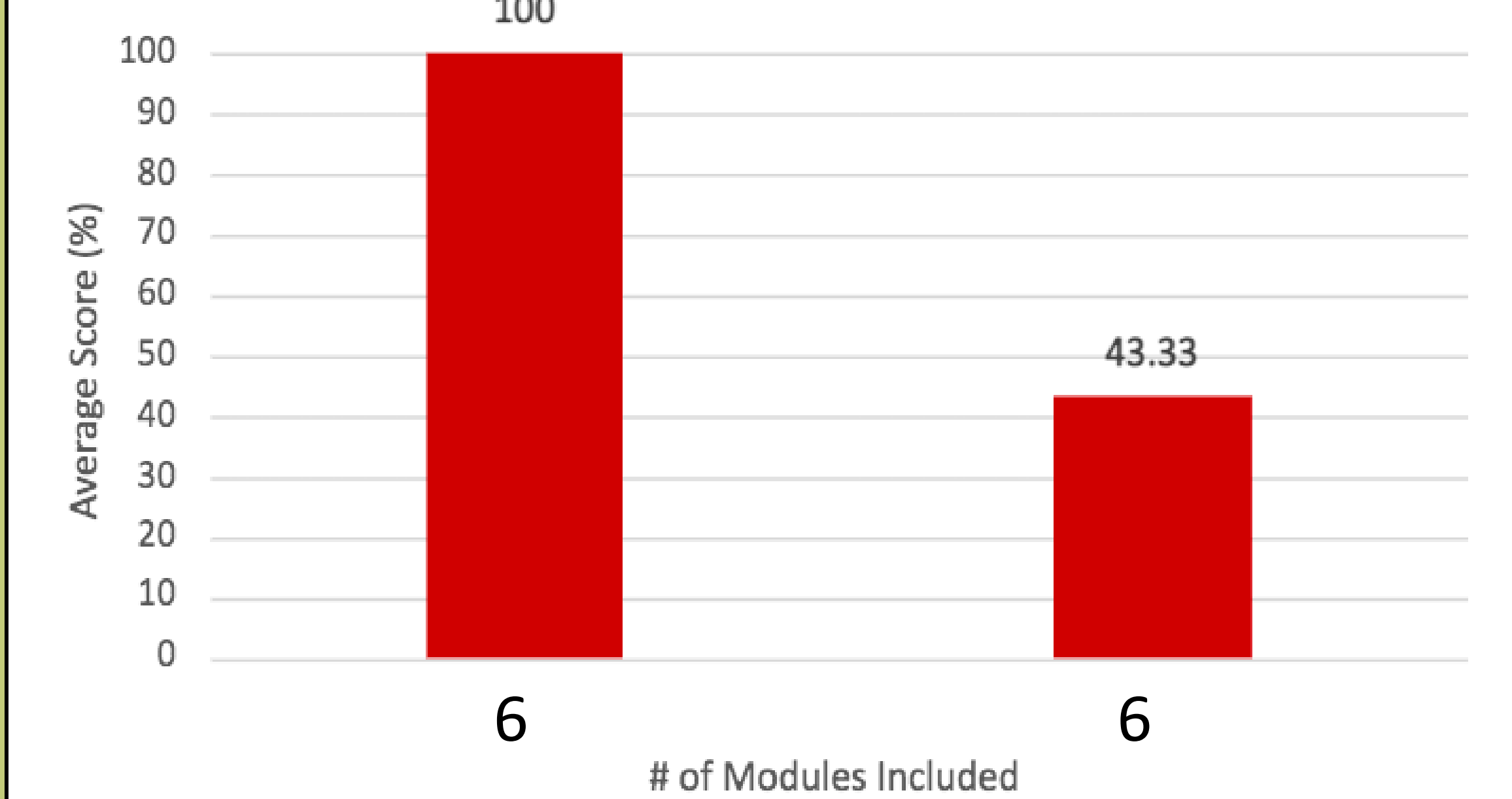
- Data from uBEATS Dashboard
- Cronbach Alpha* on Assessment Scores from Dr. Nugent (UNL)

*statistic determining reliability

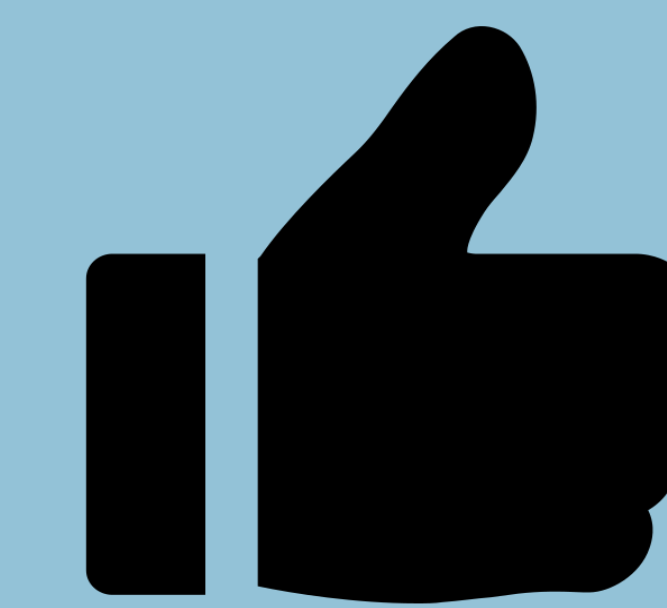
uBEATS Assessments Average Scores



High and Low Average Assessment Scores



Student Motivation



- Interest wanes in 6-12th grades
- Age-appropriate Word Choice
-ELLs and ESLs are included



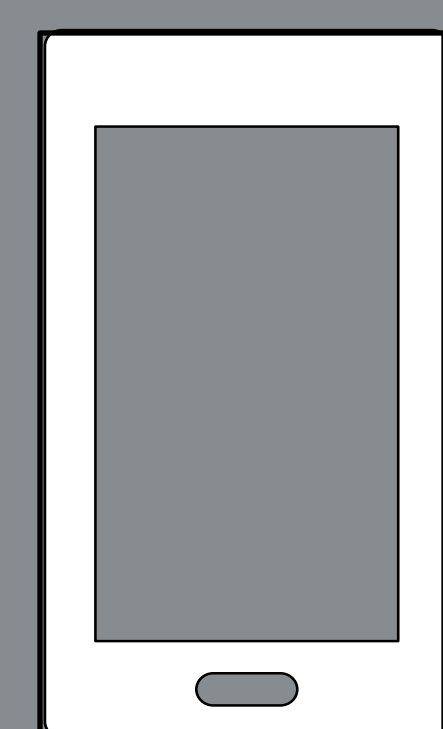
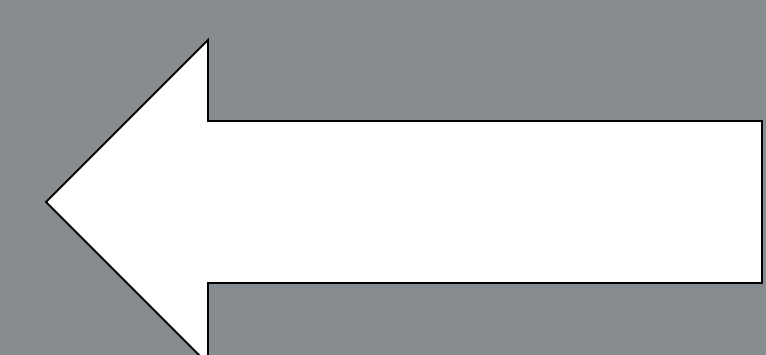
uBEATS Implications

- Multimedia learning is most effective for target audience
- Standardization of assessments are uBEATS' next big step
- Narrations are very important

Future Suggestions



- Likert Satisfaction Surveys
- More Accessibility Features
- Virtual Encyclopedias
- Gamification Elements



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