



# Enhancing Student Reading Motivation and Comprehension in School-based Agricultural Education

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## INTRODUCTION

- Strong literacy skills have long been deemed essential for students' to be considered college and career ready. (Park et al., 2017)
- According to the National Center for Educational Statistics (2020), only 37% of twelfth-grade students perform at or above a proficient level on academic reading assessments.
- SBAE programs are known for integrating core academic content into their existing agricultural curriculum as it provides students with a relevant context for learning such concepts. (Phipps et al., 2008)
- McKim et al. (2016) tell us that there is a disconnect between the value SBAE teachers put on integrating academic content and their perceived competence level to perform them.



## HOW IT WORKS

- Teacher needs to obtain a prize wheel (available from a variety of sources)
- Teacher then writes 10-40 preferred reading strategies on the wheel (depending on the style/size of the prize wheel)
- Allows teachers to implement a variety of unique literacy strategies to help students read and comprehend SBAE program
- Can be used with middle school and high school students
- Can be incorporated in any agriculture course that uses textbooks, readings, or other text documents
- Students spin the wheel in order to select the reading strategy to be used
- Helps teachers provide diverse reading literacy instruction to students



## RESULTS/IMPLICATIONS

- 50+ teachers nationwide are implementing the Reading Strategy Wheel
- Over 90% of surveyed teachers use the Reading Strategy Wheel at least once a week
- 80% of surveyed teachers using the Reading Strategy Wheel are beginning or mid-career teachers
- Teachers indicate that students are more engaged with content
- Teachers have increased the number of reading strategies used in the classroom

## FUTURE PLANS/ADVICE TO OTHERS

- The Reading Strategy Wheel can be modified for a remote or blended classroom using randomizing websites such as PickerWheel.com.



## COSTS

- Customized Wheel from Owl Help You Enterprises: \$65
- DIY Prize Wheel from Amazon: \$40-80
- Virtual Wheel on PickerWheel.com: No Cost

## REFERENCES

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