

# Technology and English Language Learners

Brittany Resar

Rachel Collopy, Ph.D.



## Research Questions:

- What forms of technology enhance the learning of ELL students?
- What implications should teachers know before using technology with ELL students?



## Interactive White Boards:

- Visual aids, such as picture and videos
- Test preparation
- Pretest to posttest students' scores increased by average of 36 points (Hur & Shu, 2013)
- ELLs in Digital Learning Classroom had higher test achievement in 3 out of 4 tests than ELLs in traditional classroom (Lopez, 2010)

## Findings from the Research Literature:

Teachers should consider:

1. Can the students understand the technology?
2. Do students have access at home?
3. Is technology easily accessible in the classroom?
4. Am I confident including technology in the classroom?



## Computer Technology:

- Interactive games, programs, and software to keep students engaged (Pierson, 2015)
- Lexia Primary Reading Program resulted in increased comprehension (Rodriguez, et al., 2012)



## iPads:

- Differentiated instruction and scaffolding
- Translators, multilingual keyboards, access to visual aides
- Improved communication (Prince, 2017)