



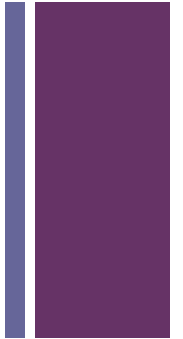
TASSAL

The Alabama STEM Studio for Afterschool Learning



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■ Who?

- Mary Lou Ewald
- Chris Schnittka
- Erin Percival

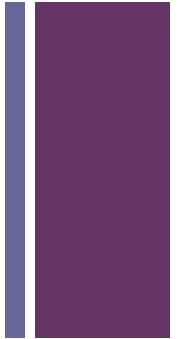
■ Why?

- STEM education is important
- STEM education is engaging to students
- STEM education is more accessible than ever



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■ What?

- TASSAL is a new initiative at Auburn University co-developed by the College of Sciences and Mathematics and the College of Education

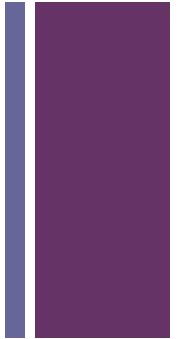
■ Goals

- To increase the accessibility of STEM education in afterschool programs across the state
 - 1.) Identifying vetted STEM materials for teacher use
 - 2.) Providing training for teachers using these STEM materials



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- Goal 1: Identifying vetted STEM materials for teacher use
 - Elementary curriculum (our 'MUST-haves')
 - Easily accessible to any afterschool leader
 - Solid Science Content
 - Inquiry-based lessons
 - Middle School curriculum
 - Easily accessible to any afterschool leader
 - Solid Science Content
 - Inquiry-based lessons
 - Technology component
 - Ensure Student Engagement



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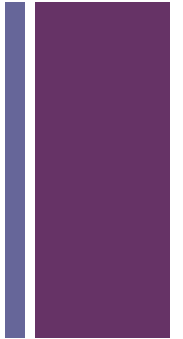


- Identifying Materials: Elementary
 - AfterSchool KidzScience™
 - Easy-to-use kits developed to allow for inquiry-based science to take place in an out-of-school setting
 - Co-developed by the Lawrence Hall of Science at the University of California at Berkeley and the Developmental Studies Center
 - They are the hallmark of accessibility as each kit contains:
 - Leader handbook (with science information included)
 - Leader DVD (with tips for leading activities)
 - Four session guides
 - Question Cards for the kids
 - Materials for a group of up to 20 children
 - A durable container for storage



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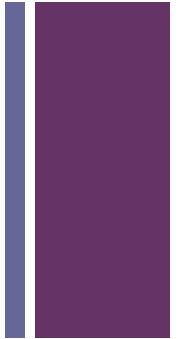


- Identifying Materials: Middle School
 - Engineering Design Kits (EDKs)
 - Engineering provides a platform for learning & student engagement
 - Inquiry is innate to the curriculum which focuses on critical thinking skills, science concepts, and technology
 - Each kit contains:
 - Instructions for the lessons at hand
 - Materials for a group of up to 24 students
 - A durable container for storage



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■ Today:

- Sneak Peek: Elementary- AfterSchool KidzScience™ Kit
- Sneak Peek: Middle School- Saving The Animals Kits
- TASSAL Roll-Out & Teacher Training Opportunities