

LOUISIANA STATE UNIVERSITY

Elementary School Cohort
for the STEM Pathways

LSU

INTRODUCTION

Elementary School Cohort/ LSU STEM Pathways

The STEM Pathways Institute is excited to announce the creation of the elementary school cohort program! Originally piloted in the 2021-2022 school year, the elementary cohort's purpose is to empower teachers with the tools and training they need to effectively engage all students in STEM driven, project-based learning while also meeting their curricular needs. Teachers are trained in project-based, STEM modular units that are aligned to curricular standards in Science, English/ Language Arts, Mathematics, and Computer Science/ Digital Literacy at the PF-5 grade levels. These modules can be used in class as stand-alone units, incorporated into current lessons and curriculum, or in before and after school programs. Each module will encourage exploration of and preparation for students to enter the STEM Pathways beginning at the middle school level and beyond. Teacher training for the modules will occur through summer institutes or as requested by the parish. Additional support is provided throughout the school year from the Institute Trainers who work closely with the cohort teachers and district to ensure quality instruction.



WHY CHOOSE THE ELEMENTARY SCHOOL COHORT FOR LSU STEM PATHWAYS?

High Quality Project Based STEM Modules

High Quality STEM Modules will last from 2 days to 3 weeks. Each module will be project based, and all modules are designed to enrich and complement the already existing curriculum and standards. The modules will increase student interest and participation with engaging activities based around the curriculum standards. Modules are flexible for use before or after school as well as during the classroom environment.

Teacher Training

Participating teachers are not expected to have any STEM content-specific knowledge. A strong work ethic and a desire to engage in project-based learning and STEM is entirely sufficient.

For additional information, please contact
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A list of module offerings and their descriptions is located at:

<https://lsupathways.com/project/elementary-school/>