

Louisiana State University

Elementary School Cohort for the STEM Pathways

Introduction

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 PK-6 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 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 in the school year. 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. A list of module offerings and their descriptions is available. Additional modules (and even entire courses) can be added if requested.

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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