



LSU ELEMENTARY SCHOOL STEM TRAINING

GOAL:

- To empower teachers with the tools and training they need to effectively engage all students in STEM driven, project-based learning while also meeting curricular needs.
- 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

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Or
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WHAT WE DO:

- Teachers are trained in project-based, STEM modular units that are aligned to curricular standards and taught through grade bands PK-1, 2-3, 4-5.
- Modules can be used in class as stand-alone units, incorporated into current lessons and curriculum, as enrichment, or in before and after school programs.
- Each module encourages exploration of the STEM Pathways- engineering, digital design, biomedical sciences, and computer science.
- Helps students develop the 4C's while using the engineering design process, scientific method, and computational thinking.
- Teacher training occurs through summer institutes or as requested by the parish/ school during the school year.
- Additional support is provided to teachers throughout the school year from the Institute Trainers.

