



LSU CAIN CENTER OFFERS 6TH GRADE ELECTIVE COURSE TRAINING

AQUAPONICS

Aquaponics- In this year-long class, students use problem-based learning to explore the growing of plants and raising fish in the same aquaponic system. Students design and engineer solutions for their systems while learning about chemistry, ecology, engineering, and raising/ marketing their food products, ultimately producing food that is locally and sustainably raised for use in the local community.

STEP INTO STEM

In this year-long class students use project-/ problem-based learning to explore the main areas of the STEM Pathways: engineering, digital design, bioscience, computer science, and environmental protection and sustainability.

Students will enjoy in-depth problem solving as they search for solutions to engaging community problems and share what they learn with stakeholders in the community, mastering 21st century skills along the way. Emphasis is on building community connections and empowering students voices while strengthening student presentation and communication skills and improving thinking and processing skills.

INTRODUCTION TO COMPUTING

Introduction to Computing- This year-long course prepares students to understand computational thinking and computer science through engaging exercises using block-based programming. Students will design animations, games, art, and stories while learning the basics of programming. They will also be introduced to fundamental ideas in computing, with a particular emphasis on applying computational thinking to real-life situations.

FOR MORE INFORMATION:

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