



S.T.R.E.A.M.S.

STEM WITH A SPARK... Reimagining the Science Classroom

SCIENCE
TECHNOLOGY
READING
ENGINEERING
ARTS
MATHEMATICS
SUSTAINABILITY

Mississippi NEXT is a partnership between SOCSO and the Mississippi State University Extension Service, focused on advancing student outlooks on science. The partnership is currently an umbrella for five rigorous, experiential and student-centered programs which are enhancing achievement and environmental literacy:

- ▶ Youth Environmental Sciences (YES!) for all K-6 students
- ▶ Starkville Science Club
- ▶ Science Olympiad
- ▶ Reading is in Our Nature
- ▶ YES! Summer Camps

starkvilleSD.com

Building on the success of Mississippi NEXT programs like Youth Environmental Sciences (Y.E.S.) and Starkville Science Club, the **Starkville Oktibbeha Consolidated School District** is embarking on a new and innovative approach to traditional STEM education that will put our students at the cutting edge of college and career readiness. In 2017, with a new district-wide STEM coordinator in place, SOCSO will begin implementation of **STREAMS**, an expanded and multi-disciplinary approach to experience-based science discovery and environmental literacy.

STREAMS will be the first program of its kind in Mississippi to reimagine the traditional STEM concept, incorporating **reading, sustainability and the arts** in comprehensive and immersive learning experiences for every student – kindergarten through 12th grade. By providing integrated curriculum options for teachers, both in and out of the classroom, SOCSO students become active participants in their learning.



CAREER ACADEMIES

Harnessing every student's area of interest in multi-disciplinary learning projects based on real-world business models



COMPUTER SCIENCE & ENGINEERING MODELS

Developing student design technology skills through state-of-the-art computer engineering, robotics, 3D modeling and product testing



TURN-KEY CURRICULUM RESOURCES

Providing individual teachers and teaching teams with ready-to-implement integrated classroom plans along with necessary resources and tools



IMMERSIVE FIELD TRIP EXPERIENCES

Capitalizing on SOCSO-Mississippi State University partnerships to provide students with hands-on learning through observation, lab experiences and interaction with experts at more than 8 different facilities



INDUSTRY INTERNSHIPS

Bringing the college cooperative education model to K-12 through local and area business and industry partnerships to offer students real-world job experiences



STARKVILLE
OKTIBBEHA
SCHOOL DISTRICT