

WHAT IS THE MATH AND SCIENCE ENRICHMENT PROGRAM (MSEP)?

The Math and Science Enrichment Program (MSEP) is a year-long program funded by NASA's Jet Propulsion Laboratory and the United States Department of Labor designed to promote and enhance the development of 6th grader's math, science and technology skills.



Coahoma Community College is committed to a policy of equal educational opportunity for all persons without regard to race, color, religious persuasion, national origin, sex, physical or mental handicap or age.

MSEP

MATH & SCIENCE ENRICHMENT PROGRAM



Jet Propulsion Laboratory
California Institute of Technology

The Math and Science Enrichment Program (MSEP) will allow middle school students to develop their math, science, and computer skills by:

- Establishing an early intervention program that will develop and nurture student's math, science, and computer skills.
- Designing an instructional component that will enhance student's skills and abilities.
- Providing a jump-start on college future careers.
- Promoting partnerships with local schools and businesses to enhance student's participation in community-based leadership activities.
- Increasing the number of students majoring in the math and science disciplines at Coahoma Community College.
- Encouraging parent involvement in their student's academic development.

PROGRAM OBJECTIVES

- To educate and stimulate student's interest in math, science, and technology.
- To increase the student's critical thinking and problem solving skills.
- To determine student's strengths and weaknesses through assessments.
- To provide hands-on learning experiences through laboratory demonstrations.
- To inspire students to major in the math, science, and technology fields.
- To help students develop the confidence and self-assurance needed to succeed in a rigorous curriculum.
- To create a support-based community of scholars in which academic excellence is encouraged and expected.

Component 1: Classroom Instruction

During the month of June, students will participate in a three-week long summer program at Coahoma Community College. While there they will attend three (one hour, fifteen minutes) classes Monday – Friday in the following areas: Mathematics, Space Science, Robotics Technology Global Positioning System, and Computer Concepts. The students will also be assigned a research project that will be presented at the end of the program.

Component 2: Field Trip

At the end of the summer component, students will be taken on a field trip to further expose them to advance technologies and enhance students' career and cultural interests.

Component 3: Continued Development

Six (four-hour) Saturday seminars and enrichment workshops will be offered for all MSEP Scholars, with two Saturdays dedicated to each discipline. All MSEP seminars and workshops will be conducted by expert consultants within each discipline.



- Student must be in 6th grade.
- Student must have a desire to learn more about science, math, and technology.
- Student must have at least a C average.

APPLICATION PROCESS

Student must complete an application packet which will include:

- Application for MSEP
- Two recommendation forms

***Recommendation forms must be completed by current math or science teacher.**

Deadline: December 15 , 2009

CONTACT INFORMATION

Coahoma Community College
Letha Richards
Math and Science Enrichment
Project Director
3240 Friars Point Road
Clarksdale, MS 38614
662-621-4088