Increasing STEM Awareness in Under-Served Communities

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Actualizing STEM Potential in the Mississippi Delta

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The Mississippi Delta

Often called “The most southern place on Earth” because of its unique racial, cultural, and economic history. It is 200 miles long and 87 miles across at its widest point, encompassing some 7,000 square miles of alluvial floodplain.
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The Population
Gentry High School
Indianola, Mississippi
The Population
Sunflower County, Mississippi
Population = 25,981
Down 11.6% since 2010
74% Black
24.6% White
The Population
Sunflower County, Mississippi
In civilian workforce 47.5%
Poverty rate = 34.6%
Black in poverty 89.5%
White in poverty 8.9%
The Population

Sunflower County, Mississippi

Per capita income = $14,427 ($1,202/month)

Households with a computer = 73.7%

With Internet access 54%
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The “Carrot”

FIRST Robotics Competition
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The Program

FIRST
For Inspiration and Recognition of Science and Technology

ITEEA
Technology and Engineering bring STEM to Life!
International Technology and Engineering Educators Association
iteea.org
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The Program
Build a ROBOT!
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