EAST® initiative

education is different here
Technology in EAST

- Animation & Graphics
- Audio & Video
- Computer Aided Design (CAD)
- Geographic Information Systems (GIS)
- Global Positioning System (GPS)
- Programming/Coding
- Solid Modeling

- 3D Visualization
- Web Design & Development
- Virtual Reality
Students Engaged

Sonora Elementary
Greenbrier High School
Harrisburg Middle School

EAST Initiative
Allen County School District

Weather Balloon Launched by Two Elementary Students in Arkansas Located by Two ACASH Seniors

Allen County-Scottsville High School seniors Timo Carter and Jared Walden found themselves on an unexpected expedition Tuesday afternoon April 8. The pair—with the assistance of high school science teacher Jeremy Bym—worked their way to a remote area off of Snake Creek Road in southern Allen County in search of a weather balloon launched from west Arkansas early Saturday morning. The search proved productive as the pair located the balloon in a tree in the woods.

The discovery of the weather balloon came as a welcome relief to staff and students at Senora Elementary School in Springdale Arkansas. The balloon was launched from the school in northwest Arkansas on Saturday as part of what was hoped to be a short flight to collect weather data.

“Our EAST (Environmental and Spatial Technology) program launched a high altitude weather balloon on Saturday morning around 9:56,” explained Joshua Worthy, EAST program facilitator at Senora Elementary School. “We predicted the balloon to travel about 150 to 180 miles, within the state of Arkansas. The plan was for the balloon to reach about 90,000 feet, burst, and the payload of the balloon would parachute safely to the ground. We would then track down the balloon with our GPS receiver and return home with our gear.”
Space Balloon Launch 2013

EAST

Greenbrier High School

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Data Collection and Analysis
21st Century Tools To Solve 21st Century Challenges

Harrisburg, AR
EAST CORE

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• Biology
• Chemistry

Math Courses
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• Geometry
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Documented Results


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