

## Sign Up for AMSTEC

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**AMSTEC**

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## AMSTEC will:

- ▲ support the development of an educated workforce with the mathematics, science, and technology skills to meet the demands of business and industry;
- ▲ establish a systemic plan for linking education to business and industry;
- ▲ work to leverage resources and knowledge in the mathematics, science, and technology communities to achieve systemic improvements in each area;
- ▲ encourage realignment of curriculum and instructional techniques to significantly benefit K-16 students;
- ▲ explore new ways to improve communication among affiliates and education providers; and
- ▲ promote the use of NASA's educational resources to increase improved teaching and learning in mathematics, science, and technology education.

**AMSTEC**



ALABAMA  
MATHEMATICS,  
SCIENCE, AND  
TECHNOLOGY  
EDUCATION  
COALITION

*"To improve mathematics, science, and technology education in the state of Alabama through the facilitation of communication among education, business, and public policy organizations."*



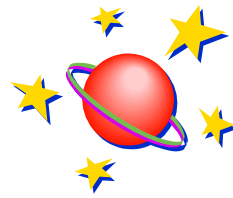
# ALABAMA MATHEMATICS, SCIENCE, AND TECHNOLOGY COALITION

With support and encouragement from the National Aeronautics and Space Administration (NASA) and the National Alliance for State Science and Mathematics Coalitions (NASSMC), a group of representatives of PreK-12 education, higher education, business and industry, and NASA met to establish a Linking Leaders Systemic Improvement project. This project is designed to create an advocacy coalition for the improvement of mathematics, science, and technology education in Alabama.



## *The Coalition:*

- ◆ **promotes** student learning in mathematics, science and technology by supporting:
  - ▲ effective teaching focused on student interaction and critical thinking;
  - ▲ curriculum improvement focused on national standards;
  - ▲ appropriate technology and other learning resources;
  - ▲ technology enhanced pre-service and in-service professional development;
  - ▲ governmental and public policy reform; and
  - ▲ school and school district accountability.
- ◆ **supports** all formal and informal educational institutions as an integral part of educational instruction.
- ◆ **believes** that Alabama's elementary and secondary school students will benefit from advocacy and support resulting from the collaboration of business, industry, scientific, education, and governmental coalitions that advocate the improvement of mathematics, science, and technology education in K-12 schools.



## A STRONG COALITION COMMITTED TO COMMON GOALS

The Alabama Mathematics, Science, and Technology Education Coalition (AMSTEC) fosters communication among various entities in the state and promotes standards-based, systemic reform throughout science, mathematics, and technology curriculum and instruction statewide.

The AMSTEC Coalition promotes a better understanding of the national efforts for standards-based mathematics, science, and technology reform and the connections of key people interested in school reform.

Through these connections, AMSTEC supports the further development of state and local planning efforts.