



NATIONAL GUARD STARBASE FACT SHEET

OVERVIEW

STARBASE is a program to improve math and science skills for students who are historically underrepresented in science, technology, engineering and math (STEM).

HANDS-ON LEARNING FOR LIFELONG SKILLS

The program starts at the elementary school level to attract and prepare students at an early age for careers in engineering and other science-related fields of study. The program principally exposes at-risk children and their teachers to real world applications of math and science, through experiential learning, simulations and experiments in aviation and space-related fields. The math- and science-based program also addresses drug use prevention, health, self-esteem and life skills.

STARBASE is a two-part program: (a) traditional STARBASE, which specifically educates fifth graders and (b) STARBASE 2.0, which instructs middle school students in an after-school, mentor program format.



STARBASE serves students and teachers by providing exciting, hands-on learning experiences combining personal development, teambuilding and enrichment in science, math and technology. The vision is to teach students the strategies to achieve their dreams and become responsible members of society. The program builds personal development skills through improved teamwork, goal setting, improved self-esteem, decision-making and problem-solving. It provides effective training courses that give teachers the knowledge and resources to implement successful curriculum enhancements. Support systems and extended-care networks are provided for students as the program tracks their improvement in the curriculum areas. Parents are encouraged to become positively involved in their children's learning process.

Selection: Schools with a high proportion of economically and educationally disadvantaged students apply and are selected by state and local selection committees using locally established criteria.

Encourages youth to make healthy choices and resist negative influences

Establishes productive partnerships with schools and educators

Cultivates interest and involvement in math, science and technology