

We Are Committed To Serving Your Students.

Mission Statement

To add value to America through a youth program that raises the interest and improves the knowledge and skills of at-risk youth in science, technology, engineering, and math by exposing them to the technological environment and the positive role models found on military bases and installations.



The Program

STARBASE offers classrooms of fifth and sixth grade students an educational opportunity unlike anything they have experienced before. Our five-day, 25-hour curriculum emphasizes the application of science, technology, engineering, and math in a real world, hands-on setting, sparking participants with an enthusiasm to learn. During their visit, students see cutting-edge aircraft and talk with pilots that fly them, build and launch their own model rockets to witness Newton's Laws of Motion in action, and become pilots themselves as they fly on a computer simulator. These are only a handful of the exciting activities that await them. At STARBASE, we focus our efforts on providing experiences that make for a learning environment that's fun while underlining the values of education.

FAQ Frequently Asked Questions

How much does it cost to attend STARBASE Student Academy?

There is no cost. STARBASE is federally funded, which subsidises all classroom expenses. However, you must pay any transportation fees.

What grade levels can attend?

Our curriculum is specifically designed for the 5th and 6th grades.

How do I enroll my class?

You must contact STARBASE- Battle Creek at the address on the bottom of this brochure.

I cannot bring my class for the entire five days of the Academy- May we come in for a one-day tour?

Sorry, but we cannot accommodate tours.

Does my school have to provide transportation?

Yes, you and your school need to make the transportation arrangements. The bus must remain with your students all day. There are frequent visits to other facilities on base, and your bus is needed for those visits.

How many students may attend in a classroom?

A class may not be less than 20 students, and no more than 30.

How many classrooms does STARBASE see each year?

STARBASE- Battle Creek is designed to serve 56 classrooms per school year.

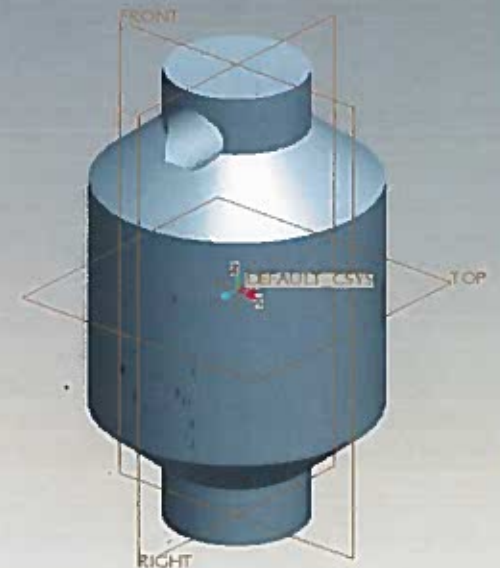
Can I make a donation to STARBASE?

Yes. STARBASE is a 501(c) (3) non-profit and appreciates support to continually improve the program.

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Battle Creek, MI 49037-5567
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Making Tomorrow Happen Today

PTC Pro/ Engineer Lab Module



BATTLE CREEK



The STARBASE program provides students with challenging "hands-on, mind-on" activities in aviation, science, technology, engineering, and math. Students interact with military personnel and make connections to the "real world." Fifth and sixth grade teachers enroll their class for one of the 5-day sessions. There are seven five-day rotations during the school year. The teacher elects to attend five consecutive Tuesdays or consecutive Wednesdays, etc. The "normal" day is from 9:00 a.m. to 2:00 p.m. There is no cost to attend this program, but participants must provide their own lunch.

STARBASE Student Academy

EDUCATIONAL PARTNERSHIP

We create a community of learning.

Our Goals

- Toprove students and teachers with an exceptional program of "hands-on, mind-on" science, technology, engineering, and math learning activities
- Develop strong self-esteem and positive attitudes
- Provide career motivation, orientation, and exploration
- Create partnerships with the military, industry, and educational communities

Population Served

- STARBASE targets at-risk youth on the basis of:
- Inner-city and/or rural location
 - Socio-economic disadvantage
 - Historic under-representation in science, technology, engineering, and math fields
 - Low academic performance

Core Curriculum

- Newton's Three Laws of Motion
- Fluid Mechanics and Aerodynamics
- Building Blocks of Matter
- Physical and Chemical Changes
- Atmospheric Properties
- Nanotechnology
- Navigation and Mapping
- Engineering-Design Process
- 3D Computer-Aided Design
- Numbers and Number Relationships
- Measurement
- Geometry
- Data Analysis
- STEM Careers on Military Facilities

