

## STARBASE

### (SCIENCE AND TECHNOLOGY ACADEMIES REINFORCING BASIC AVIATION AND SPACE EXPLORATION)

**Parent organization:** US Government, Department of Defense; Oregon has two of many national programs.

**Web address:**

Portland: <http://www.mil.state.or.us/starbaseor/starbasepdx/starbase.html>

Klamath Falls: <http://www.starbasekingsley.org/index.html>

National: <http://www.starbasedod.com/index.htm>

**Grade level or ages served:** nationally, K – 12; emphasis on at-risk and underserved students. Oregon programs target elementary age children.

**Overview:** STARBASE's purpose is to raise the interest and improve the knowledge and skills of at-risk youth in math, science, and technology by exposing them to the technological environment and positive role models found on military bases and installations.

**Subjects covered:** Math and science emphasizing physics and aviation; robotics; technology; socialization/teamwork; problem solving; decision making.

**Size of program:** In the 2005-2006 academic year, Portland STARBASE will host 44 classes (most approximately 30 students) from 16 schools, 15 from the Portland Public Schools.

**Where offered:** STARBASE classroom contact hours take place on Air National Guard bases in Portland and Klamath Falls; all national sites are on military bases.

**Time spent by students:** 25 classroom contact hours of instruction spread over 5 days.

**Partners/Sponsors:** Oregon Air National Guard; Portland Public Schools is the grant holder for the Portland STARBASE program.

**Materials available on web and/or purchase:** Supplementary resources and materials that reinforce and build upon the STARBASE curriculum are available on the web.

**Training for teachers, facilitators, volunteers, leaders is:** Available & Required. STARBASE teachers are certified classroom teachers. Volunteers show how their jobs support the whole flight team and have no particular training in education.

**Cost structure:** All costs and materials are provided; school districts must provide transportation to the base.

**Funding:** Congressional appropriation

**Other points of interest:**