

**A STEM TALENT POOL WITH MINDS FOR INNOVATION, DIVERSITY OF THOUGHT, AND THE TECHNICAL AGILITY TO SUSTAIN THE DEPARTMENT'S COMPETITIVE EDGE**

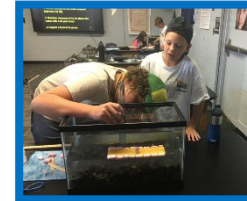
— DoD STEM VISION

## VISION

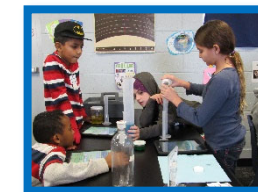
To serve as a catalyst to increase the interest, excitement, knowledge, and confidence in science, technology, engineering, and math (STEM) of the at-risk youth in the State of Idaho, and better prepare them for the high-skilled, high-tech jobs of the 21st century workplace.

## MISSION

To expose the youth of Idaho to an innovative learning experience at the 5th grade level that fosters academic success in STEM, encourages a growth mind-set, increases awareness of STEM career fields, and creates opportunities to enhance student capacity in goal setting, teamwork, and perseverance. To nurture a winning network of collaborators, and build mutual loyalty within our communities, by providing 25 hours of exemplary hands-on instruction and activities that meet or exceed the National Standards.



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<https://dodstarbase.org/>

<https://www.imd.idaho.gov/starbase/>

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## About DoD STARBASE

- DoD STARBASE Idaho is a program of innovative science activities and a rigorous STEM curriculum that provides hands-on, interactive lessons and activities utilizing real-world missions that require problem solving and teamwork skills. Lessons are aligned to Idaho State Standards and require students to analyze, synthesize, and reflect on what they are doing and why. DoD STARBASE Idaho encourages critical thinking and creative innovation.
- DoD STARBASE Idaho is a unique and innovative Department of Defense STEM awareness and outreach program. It is designed to create a bridge between DoD and civilian communities. The program provides local students access to DoD's wealth of expertise in STEM education and career fields.



## DoD STARBASE Supports the DoD Strategic STEM Education Plan



- Communicate the value and purpose of the DoD STEM Strategy and the need for engagement.
- Inspire youth and community engagement in STEM education and outreach in the K-12 domain by supporting and enhancing student and educator participation in DoD sponsored STEM events.
- Promote increased participation of underserved groups in STEM activities and education programs.
- Enhance the efficiency and efficacy of STEM initiatives by gathering evidence using a systematic approach.



\* Each star on the map represents a DOD STARBASE location.

## Community Outreach



In addition to its 25-hour class programs, DoD STARBASE Idaho also serves the larger community by providing 1-credit STEM teacher workshops in the summer and after-school STEM education programs (DOD STARBASE 2.0) for area middle schoolers. Summer camps are also available upon request by schools or districts.

## An Issue of National Importance

Attracting and inspiring STEM talent is critical to developing a talent pool with the technical agility to support current and future workforce requirements. DoD STARBASE offers a positive, proven approach that excites and sparks interest in STEM.

- During this decade, U.S. employment in science/engineering occupations are expected to increase at almost four times the rate of other occupations.
- Idaho STEM occupations are projected to increase 26% by 2024. That is three times the National projection for STEM occupations (Labor Market Projection for Idaho: 2014-2024, Idaho Dept of Labor).
- With three classrooms running simultaneously, DOD STARBASE Idaho can positively impact approximately 2,625 fifth grade students with 25 hours of STEM instruction and activities each year.