



# STARBASE Camp Rilea

**STARBASE:** “To engage elementary students with Science, Technology, Engineering and Mathematics (**STEM**) to meet future advanced technological needs.

## Who we are

**STARBASE** Oregon is a robust STEM educational program that has been introducing Oregon students to the real-world connectedness of STEM for over 20 years. The goal of STARBASE is to raise the interest and improve the knowledge and skills of youth traditionally under-represented in **STEM** careers, providing for a highly educated and skilled American workforce that can meet the advanced technological requirements of America.

## What we do

**STARBASE** is the only national program focused on introducing **STEM** to elementary students. The intensive 25 hours of hands-on STEM curriculum introduced to **STARBASE** students is aligned with National Science Standards. The program targets upper elementary age students because during this time period in children’s lives, they are developing an image of their capabilities. By the time most **STEM** programs are available for youth in middle and high school, **STARBASE** has already introduced youth to the idea that a future in **STEM** is possible.

A visiting class explores new technologies such as computer aided design (CAD), robotics and GPS, as well as concepts of physics and chemistry while relating them to math, inquiry and the engineering process. Our goal is to offer **STEM** equipment, expertise and resources not currently available in elementary schools. With the help of local **STEM** businesses, industry, educational institutions and professionals, as well as the military resources on Base, **STARBASE** can introduce students to **STEM** careers.

We look forward to teaching and learning alongside your 5<sup>th</sup> grader!

## **STARBASE** Oregon Staff

<http://dodstarbase.org/>

