



STARBASE WRIGHT-PATT is Located In the Prairies Community Center, Wright-Patterson Air Force Base, 1545 Spinning Road

DATES OF PARTICIPATION IN THE FIVE-DAY STARBASE PROGRAM:

HOURS AT STARBASE:

INFORMATION FOR PARENTS ABOUT STARBASE WRIGHT-PATT

What is STARBASE WRIGHT-PATT? STARBASE WRIGHT-PATT is an exciting, hands-on science, mathematics and technology program in a high-tech, aerospace learning environment. Located at Wright-Patterson Air Force Base, STARBASE WRIGHT-PATT inspires students and helps strengthen their learning through unique, challenging and fun academic programs where students explore, experiment, expand their knowledge and build essential skills. (See details below)

STARBASE WRIGHT-PATT is funded by the Department of Defense and is part of the Wright-Patterson AFB Kindergarten-12 Grade Educational Outreach Program whose purpose is to increase the knowledge, skills and interest of area youth in science, mathematics and technology. STARBASE programs are taught by full time, professional, certified instructors who specialize in science, mathematics and technology. Class sizes are small for maximum student learning. STARBASE WRIGHT-PATT programs are free to schools; participating schools must provide transportation and student lunches. (Any fee charged for your child's participation is done so by the school, rather than STARBASE, to support transportation costs.) There are currently over 45 STARBASE academies around the country! If you would like more information about STARBASE WRIGHT-PATT or other free WPAFB Educational Outreach Programs, please visit our website at <http://edoutreach.wpafb.af.mil/STARBASE.htm> or call (937) 255-1575 for more information.

Would you like to be a parent chaperone? If you would like to be a parent chaperone, please contact your child's classroom teacher.

What Students Do:

- Construct, launch and conduct experiments with water rockets
- Explore careers through lunchtime speakers, tours and career awareness activities
- Experiment with Newton Landers to learn about the three laws of motion
- Investigate aviation through use of a flight simulator.
- Tour the Air Force museum
- Participate in a variety of hands-on activities to investigate scientific laws and principles
- Homework and extension activities that may involve you!

What Students Learn:

- Math: measuring, estimating, create graphs and charts, coordinate graphing and data analysis
- Science: forces of flight, properties of air, Newton's Laws of Motion, states of matter, mass and weight
- Science and Inquiry: observe, develop hypotheses, collect, record, and analyze data, check hypothesis
- Ask questions, solve problems, work in teams
- How to communicate what they learn; how to take their learning to the next level.

Your Student's Application Form is Attached. Each Student Must have a Completed and Signed Application Form In Order To Participate in the STARBASE Program.

All Forms Must Be Returned To Your Child's Teacher By _____