



Welcome Parents/Guardians! We are excited your child will be participating in STARBASE Wisconsin, a premiere “hands-on, minds-on” STEAM (science, technology, engineering, art, and math) program (the Program). The entire fifth grade class will be with us one day a week for five weeks during the school year. During those five days, they will use math, science and technology in a variety of hands-on experiments designed to stimulate their interest in STEAM. Parents please note: no **juice, soda, candy, or sugary desserts** are allowed at any location of the Program. If they are included in your children’s lunches, they will be sent back to school or the youth organization at the end of the day.

What is STARBASE?

The Program is an interactive academic program that helps youth increase their knowledge in STEAM. During the school year, fifth grade children are taken on a five-week odyssey into the exciting world of the sciences through hands-on activities and experiments, technology projects, and interaction with professionals in STEAM fields. The US Department of Defense has funded STARBASE programs around the country for over 25 years. As the largest employer of civilian and military scientists and engineers, the DoD recognizes the importance of inspiring children to pursue STEAM fields. The Program is located on 51st and Silver Spring Drive, and we are proudly sponsored by the Wisconsin Air National Guard.

What children do

- Experiment with indoor rockets to learn Newton’s laws of motion.
- Explore solid modeling using Professional Engineering software to design mission vehicles in space exploration and travel.
- Learn the functional/practical use of robots and program LEGO robots to accomplish certain tasks.
- Build molecular models and investigate properties of fluids.
- Build electronic circuits using Little Bits Electronic Kits.

What children learn

- Math: units of measurement, estimating, plotting, coordinate graphing, interpreting graphs and predicting.
- Science: chemistry, Newton’s Laws of Motion, physics, energy transfer and pressure.
- Engineering Design Process: how to apply science and math content to engineering challenges and develop criteria, test and evaluate designs; essentially, children will learn the entire engineering design process.
- Science and Inquiry: how to ask a question, make a hypothesis, do an experiment, observe and collect data, analyze your data, change a variable, and make a conclusion.
- Solve problems and work in teams.
- How to communicate what they learn; how to take their learning to the next level.

QUESTIONS? Feel free to email Michelle Klos-Gonzalez, STARBASE Wisconsin director, at michelle.klos-gonzalez@widma.gov or Amanda Kallie, the office manager, at amanda.kallie@widma.gov.

5130 W. Silver Spring Drive Building 301, Milwaukee, WI 53218

Website: <https://starbase.wi.gov/>

Child Permission Form

School Name: _____

Teacher Name: _____

Statement of Understanding & Hold Harmless Agreement

I acknowledge that I, _____, the parent or legal guardian of grant my permission for _____ (*Child's name*) to participate in the Program.

I take full financial responsibility for any damage that might occur to the property of the federal government and/or property of the Wisconsin Department of Military Affairs (DMA) caused by my child. I understand this program is designed for "hands-on" activities, visits to military work areas, and to interest children in Science, Technology, Engineering, Art, and Math (STEAM) content areas.

I agree not to hold the U.S. Government, the state of Wisconsin, DMA, the Wisconsin National Guard, or STARBASE sponsoring agencies, and/or their respective employees, agents or representatives liable in any way for any injuries to my child or damages to my child's property that might occur during the course of any activity in which my child is engaged.

In case of a medical emergency, I grant permission for my child to be transported to the hospital by ambulance. My child will be picked up there by me or my designee.

I also understand that the Program reserves the right to terminate the participation of my child when it is deemed to be in the best interest of either my child or the Program as determined by the Program team.

I hereby grant permission for my child's school/school district/youth organization to release my child's name, race, gender, and special educational requirements to STARBASE Wisconsin for planning and aggregate data reporting.

X _____

Parent Signature

Date

Parent/Guardian Phone # _____

Permission for Publication of Child's Image Release

At STARBASE Wisconsin, it is our practice when preparing work for external publications, video tapes, and publicity for the purpose of marketing the Program to seek parent permission before including a child's image. To include your child's photo or likeness in publications or permit your child to appear in any video or live marketing event, we must have your signed permission. If you agree to permit these activities, please sign and date below and return it to STARBASE Wisconsin.

I **grant** permission for my child to appear in a photograph, video or digital imagery that will be used by STARBASE Wisconsin for marketing purposes. STARBASE Wisconsin will hold any and all rights to include these images, in any format or media, in any marketing campaign and to grant permission for the images in outside publications.

X _____

Signature of Parent/Guardian

Date