

STEPS Camp

GVSU Science, Technology, & Engineering Preview Summer Camp



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Science Technology and Engineering Preview Summer (STEPS) Camp is a day camp preview of science, engineering, and technology for rising 7th grade students. The theme of airplane flight is utilized to integrate technical classes and recreational activities while encouraging social development and personal growth. The students, in teams, manufacture and assemble a radio-controlled airplane with the assistance of teachers, counselors, and volunteers. Throughout the week, students learn the theory of flight, utilize manufacturing equipment and tools, and ultimately learn more about their capabilities and potential. By the end of the week, the students fly their airplanes at a sanctioned fly field with the help of certified pilots.

Applications Due April 30, 2022

APPLY ONLINE AT: gvsu.edu/battlecreek

FOR MORE INFORMATION

GVSU Battle Creek Regional Outreach Center
8 Michigan Ave W, Battle Creek, MI 49017
gvsu.edu/battlecreek • (616) 331-7610
gvsu@battlecreek.gvsu.edu

June 20 - 23, 2022

- Free summer camp opportunity for current 6th grade BCPS students.
- GVSU Innovation Design Center, Grand Rapids
- Bus transportation and meals are provided.
- Contact GVSU or your BCPS school counselor for more information.
- **Applications due April 30, 2022.**

Fly Night

Thursday evening is Fly Night, our graduation ceremony for STEPS. Immediate family members are invited to attend the ceremonies at the Warped Wings Fly Field in Allendale, MI. The program begins with a light dinner, brief presentation, graduation ceremony, and then the campers get to fly their planes! After staff will convert the plane into an unpowered glider that can be taken home.

Schedule

Our schedule is action packed! A major component of STEPS Camp is each camper builds their own radio-controlled airplane. Two half-days are dedicated to airplane construction. The campers also have enrichment classes in aerodynamics, renewable energy, biomedical engineering, impromptu design, computer-aided drafting and 3D printing, Arduino, flight simulator, FIRST robotics, and leadership training. Students also go on field trips to a corporate hangar, a STEM charter high school, an executive airstrip, and a manufacturing facility that makes turbine engine blades through the process of investment casting.

