

NEW!
Every participant takes home an ARDUINO UNO KIT.



Registration covers all materials including filament for 3D printers, an Arduino Kit, a printed memento from your company's project, T-shirt, a flash drive for class files, Wayland lanyard, and lunch daily.

Students will be introduced to software and programs they can learn and access later at home, and they can send a future project back to Wayland's STEAM lab for printing to keep the fun moving forward all summer long and beyond.

R.E.D. Campers use the hardware & software below...



Want to be an engineer? An entrepreneur?

Do you like to tinker? Do you enjoy the challenge of a new problem and the satisfaction of solving it? Or are you simply a curious person?

If so, sign up for Wayland R.E.D. and discover your strengths among other students this summer. From beginner to intermediate, students in this fun, three-day interactive camp will build and program robots, and design and create with tablet PCs, design stations, and 3D printers available at the camp.



Check us out on Facebook
facebook.com/waylandrobotics

Visit wayland.org for more information about this and other summer camps at Wayland Academy in beautiful Beaver Dam, Wisconsin.

About Wayland Academy

Founded in 1855, Wayland Academy is a co-educational college preparatory boarding and day school in Beaver Dam, Wisconsin. During the summer months, Wayland hosts a variety of athletic and educational enrichment programs designed to further instill the school's core values of Knowledge and Character while recognizing that summer still needs to be fun.

Robotics
Engineering
Design



AN ACCELERATED Day Camp

for youth entering 6th thru 9th grades
 at Wayland Academy in Beaver Dam, WI.



**A Pre-Engineering Summer Program
 guided by S.T.E.A.M. Principles**

Registrations due by June 1, 2016

Sponsored by:



Sain SMART

R.E.D. Is In!

The Wayland R.E.D. Summer Program welcomes students entering 6th-9th grades. For novices, this accelerated event offers an introduction to Robotics, Engineering, and Digital Design in Wayland Academy's cutting edge pre-engineering classroom. For more experienced students, the STEAM lab is a playground for delving deeper into programming and harder challenges.

Over the course of three jam-packed days, students discover the fundamental principles of programming and design. They learn to program robots using their very own **Arduino Kits**. They explore Autodesk Inventor, a 3D design program that allows students to transform an idea into a digital creation. With 3D printers, students will convert their digital creations into physical objects.

The class culminates in a robotics challenge that pulls together everything students learn in this fast-paced and fun program.



Choose From Two Sessions

Session 1:

June 15–17, 2016 Wednesday–Friday
Middle School Session

Session 2:

June 20–22, 2016 Monday–Wednesday
Middle School Session

Daily Class Schedule:

9:00 am to 3:30 pm
Lunch included

Location

Discovery Hall
Wayland Academy
101 N. University Avenue
Beaver Dam, WI

*Space is limited to 15 participants
in each session so register early!*

Questions may be sent to Karla Jensen, Director of
Auxiliary Programs and Outreach at
kjensen@wayland.org or (920) 356-2120 ext. 236.

REGISTRATION FORM

Please submit this form by June 1, 2016.

Student Name: _____

Age: _____ Current Grade: _____

Home Address: _____

City: _____ State _____

Zip: _____

Primary Phone: _____

Email: _____

Parent Full Name: _____

Emergency Phone: _____

Select a session: Session 1: June 15–17

Session 2: June 20–22

Student T-Shirt Size: (circle one)

Youth S M L or Adult S M L XL

Lunch is included. Please list food allergies:

Please include payment with your registration.

_____ My \$145 per child is enclosed with this form. Checks may be made out to Wayland Academy.

Please return payment & registration to the
Business Office in Roundy Hall or mail to:
Wayland Academy
Attn: Robotics Camp
101 N. University Ave.
Beaver Dam, WI 53916.

*Schedule is contingent on sufficient registration numbers. Underfilled sessions may be rescheduled.