

## Our Goal

- Raise \$15,000+ to fund the purchase of a ShopBot® 96-48-6 to fulfill authentic real-world learning initiatives.
- Partner with local industry to create a lasting connection.
- Diversify and grow innovative and entrepreneurial skills to prepare and motivate our students to confidently succeed.

## Who Are We?

The Renaissance Academy is River Falls School District's chartered alternative high school. Differentiated instruction and personalized learning plans are designed around the school-to-career concept, which fosters leadership, collaboration, attention to detail, and hands on experiences. We run a school-based business, Renaissance Woodworkers, and utilize profits to purchase innovative educational materials for our program. Scan the Renaissance QR code below to learn more about our efforts to help all students live physically, socially and emotionally healthy lives.

## Teaching the FUTURE Today



## Donate

### Bronze: \$100

- 5"x 7" Plaque with logo/text

### Silver: \$300

- 5"x 7" Plaque with logo/text or  
One of our Adirondack chairs

### Gold: \$500

- 5"x 7" Plaque with logo/text or  
One of our Adirondack chairs  
personalized with logo/text

### Platinum: \$1000+

- 5"x 7" Plaque with logo/text or  
One of our Adirondack chairs  
personalized with logo/text
- Plus 2 hours of design/shop time

## Contact Information

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Use your smartphone and barcode app to  
scan QR code to be taken to the website

ShopBot®



Renaissance



## Renaissance Academy CNC (ShopBot®) Project

211 North Fremont Street  
River Falls, WI 54022  
715-425-7687  
[www2.rfsd.k12.wi.us/renaissance/Woods.html](http://www2.rfsd.k12.wi.us/renaissance/Woods.html)



*“Maintaining our leadership in research and technology is crucial to America’s success. But if we want to win the future—if we want innovation to produce jobs in America... then we also have to win the race to educate our kids.”*

(President Obama’s State of the Union address, January 2011)



## High School and Middle School Project Lead the Way

Students in the PLTW programs will have opportunities to prototype and or manufacture their innovations with the ShopBot® and help from trained Renaissance Academy students.

## School District of River Falls Strategic Plan

### **We believe that...**

The pursuit of excellence is worth the effort.

**Every student** will be a critical thinker.

**Every student** will recognize and develop their unique potential.

**Every student** will be actively engaged in his or her own learning.

### **Strategy V: We will develop and implement collaborative, personalized learning.**

#### **Action Plan 1:**

The School District of River Falls will provide authentic, *real-world learning* and differentiated instruction for all students, and *staff will have the tools, support and collaboration time to do so.*

#### **Action Plan 8:**

Students will be continuously integrated in post secondary *career* and education planning and will *leave high school with a specific career/education plan.*

## Learning 21<sup>st</sup> Century Skills

Renaissance Academy students will learn high tech manufacturing jobs that push the limits of technology by demanding bright individuals who understand and embrace the latest machining, electronic, computer, and other technologies.

(Gold Collar Careers, 2013)

## What is a ShopBot®, and how does it work?

A ShopBot® is an amazing do-all tool for precisely cutting, carving, drilling or machining all kinds of things in all kinds of materials. With a ShopBot®, you use computer software to design your parts then, like a robot, the computer controls the cutter to precisely cut your parts. The ShopBot® moves a cutter around a big table and moves it up and down as well, allowing it to make 3D movements and cut shapes. The cutter looks like a drill bit and is spun by a motor called a spindle. Unlike a drill bit, a spindle bit is designed to cut from the sides as well as the tip. By precisely moving the cutter through material, a ShopBot® tool can create virtually any pattern or shape.

(ShopBot® Tools Inc., 2013)



Together we can teach the future.