

# The Widget Cup®

Est. 2015

## DESIGN/BUILD COMPETITION

3  
COUNTIES

VIRGINIA

Frederick County  
Clarke County  
Winchester

5  
TEAMS

High School Students  
Enrolled in Career &  
Technical Education Courses  
8 Students Per Team

### DESIGN

**Sketch Concept**  
Industry professionals  
consult and sign off  
on final designs

1  
CUSTOMER  
A Local Business  
With a real need

1  
DAY  
Six Hours

Design, build, and  
present a prototype

### BUILD

**Bring Drawings to Life**  
in Fully-Equipped Shop  
Exemplify skills such as  
welding, carpentry,  
and electrical

### PRESENT

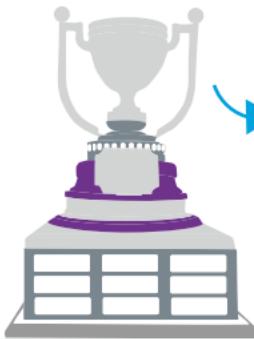
**Pitch Features & Benefits**  
to Customer

Audio/visual team members  
capture work throughout the  
day to develop team's pitch

### JUDGE

**Determine Winning  
Concept**  
Industry professionals  
score throughout day  
utilizing extensive,  
15-parameter rubric

The winning team  
becomes the steward  
of the Widget Cup®  
trophy until next  
year's event!



The Widget Cup® event is part of Frederick County Economic Development Authority's Career Pathways program.



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## 2020 SCHEDULE

April 23, 2020

@ James Wood High School

161 Apple Pie Ridge Road Winchester, VA 22603

### DESIGN

Room 127 | 12:20pm - 1:20pm

Teams have one hour to draft concepts based on limited parameters. Local industry professionals consult with teams and sign-off on their final designs.

### BUILD

Shop | 1:20pm - 4:20pm

Teams have three hours to bring their concepts to life, utilizing a fully-equipped shop and materials donated by local businesses. Fans and supporters can watch via live-feed in the band room.

### PRESENT

Band Room | 5:05pm - 5:50pm

Audio-visual team members capture their team's work throughout the day and develop a presentation or 'pitch' to the client, showcasing how their prototype best addresses the client's needs.

### FINAL JUDGING

Band Room | 5:50 - 6pm

Experienced industry professionals serve as judges. An extensive rubric is used to score teams throughout the day on 15 parameters, in areas such as teamwork, quality of build, and presentation visuals.

### THE WINNER

Band Room | 6pm

The winning team stewards the Widget Cup trophy at their school until next year's competition.

**Fabritek/Winchester Tool, a local company, designed and manufactured the trophy!**

### DELIVERY

May 27, 2020

After the event, prototypes are delivered to the respective schools for final touch-ups. Students, teachers, and volunteers then gather at the customer's business for presentation of the final products.

### THE NUMBERS

5  
YEARS

175  
STUDENTS

41  
COMPANIES

**I've been impressed in watching the students work. There is a lot of problem solving and teamwork, all things you like to see in our future workforce.**

**— Josh Phelps | President, Winchester Metals**



Winchester Metals is the Founding Sponsor of the Widget Cup event, matching up to \$2,000 annually in sponsorship dollars.

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