

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

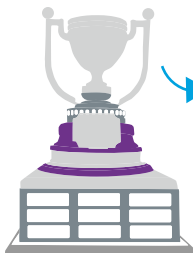
**Bring Drawings to Life
in Fully-Equipped Shop**
Exemplify skills such as
welding, carpentry,
and electrical

PRESENT

**Pitch Features & Benefits
to Customer**
Audio/visual team members
capture work throughout the
day to develop team's pitch

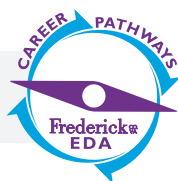
JUDGE

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



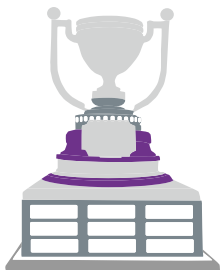
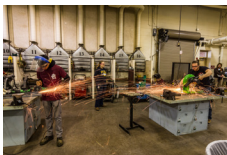
The winning team
becomes the steward
of the Widget Cup®
trophy until next
year's event!

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



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The Widget Cup[®]

Est. 2015

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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