

Wolftrap Elementary School

Fairfax County Public Schools
Vienna, Virginia

Every 5th-6th Grade Student Served



"As an educator with 17 years' experience, I have never implemented a program that has garnered this much excitement and interest. I have enjoyed listening to students debrief after the activities, as they think about what they have learned and look forward to interacting with the materials and curriculum in the future."

Dr. Margaret Grove, Assistant Principal
Wolftrap Elementary School

"Implementing the lessons and activities of the Thinkabit Lab has been nothing short of spectacular. Allowing students to find their strengths through designing, programming and presenting in an authentic atmosphere is inspiring."

Mathieu Campet,
School Based Technology Specialist
Wolftrap Elementary School

For more information about the Thinkabit Lab program, please email:

contactthinkabitlab@qualcomm.com

www.thinkabitlab.com
[@QualcommforGood](https://twitter.com/QualcommforGood)

The Qualcomm® Thinkabit Lab™ is housed in the Innovation Lab (The Candace Leyton Learning and Innovation Lab) at Wolftrap Elementary School in Vienna, Virginia. In the Thinkabit Lab, students interact with teams of their peers and share ideas, collaborating when presented with a topic to debate or a problem to solve. The school implements the Thinkabit Lab Signature Experience with six classes of fifth and sixth graders (three in each grade).

After participating in Thinkabit Lab Signature Experience, students asked to extend their projects, which led to the creation of Engineering Lunch Bunches where students engage in the Tech for Good project. This project incorporates Bluetooth communication technology and the Qualcomm® Wireless Reach™ Initiative impact sectors — health care, education, entrepreneurship, public safety, and the environment — to showcase the power of our technology to transform communities and impact society for the better.



Students in all grades visit the Innovation Lab and participate in "play with a purpose" sessions as they rotate through Science, Technology, Engineering and Math (STEM) centers, including robotics, an observation station; 3D printing; coding; MakerSpace ; engineering and design, and a strategies lab. Activities range from designing with CAD programs to raising live trout in a 55-gallon tank to playing high-level thinking games like Rush Hour.

About Thinkabit Lab

As a company of inventors, Qualcomm cares deeply about STEM. Through the Thinkabit Lab program, students can explore engineering and non-engineering careers and engage in fun and unique hands-on STEM activities. The goal is to:

- Show students from all cultural and socioeconomic backgrounds that they can be part of inventing the wireless world of the future, and
- Encourage them to embrace the opportunity to tackle global challenges and make a difference as the workforce of tomorrow.

The Thinkabit Lab program is facilitated by Qualcomm's Corporate Responsibility team, Qualcomm for Good.

