Qualcomm
thinkabit lab

Perquimans County Middle School

Winfall, North Carolina

Serves 7th - 8th Grade Students
400+ Students Served

"I want our students to realize that there are endless possibilities for their future, even if they don't see it in their community. The Qualcomm Thinkabit Lab program provides our students with resources to explore careers as well as completing hands-on coding and engineering activities. You can see the students' confidence grow as they progress through the activities. Hearing students say, "I'm good at this!" or "My 'geniusness' works!" makes my heart smile."

Cindy Phthisic, Perquimans County Middle School Media Coordinator and Thinkabit Lab Program Administrator.
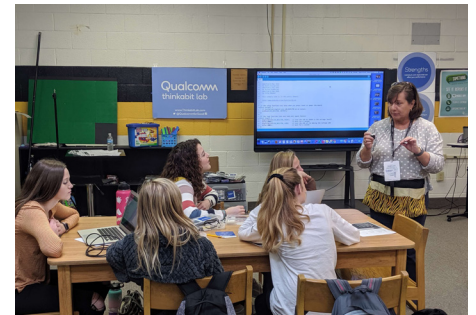
Perquimans County Middle School

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

contactthinkabitlab@qualcomm.com

www.thinkabitlab.com
@QualcommforGood

The Qualcomm® Thinkabit Lab™ at Perquimans County Middle School is located in the rural northeastern part of North Carolina, where agriculture is the primary industry. It is a Title I school where a large portion of the students receive free or reduced lunch, and students are not exposed to coding and engineering as they might be in larger cities. All of the school's seventh and eighth grade students participate in the Thinkabit Lab Signature Experience.

The Thinkabit Lab program is run in collaboration with the school's Career Technical Education program, whose teachers schedule two to three weeks of class time for the Thinkabit Lab Signature Experience. Students can create something completely from their imaginations and figure out how to make it work. This leaves them eager to learn more about coding and using a microcontroller and other components to make new and better inventions. Most of all, they gain the confidence to see themselves in coding and engineering roles.

Representatives from Perquimans County School District and state and local leaders see the need for the Thinkabit Lab program in this part of the state. It has become a springboard for county departments to seek grants, including one for app writing, and has raised the quality of activities provided for the students.

In addition, students engage in STEM (Science, Technology, Engineering and Mathematics) as a FIRST® (For Inspiration and Recognition of Science and Technology) LEGO® League team. This is a guided, global robotics competition built around theme-based Challenges in research, problem solving, coding and engineering.

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.