![SparkNC | Igniting Futures in Tech]

SparkNC is a Whole New Way to Do School

Imagine a future where every North Carolina student has the skills to thrive in a world transformed by technology. SparkNC is using an innovative educational approach to make that future a reality.

SparkNC empowers students to discover careers in high-tech fields like cybersecurity, artificial intelligence and machine learning, software development, and computer systems engineering.

We help schools move away from traditional classes and rigid schedules. Instead, students choose what, where, and how they learn. And educators have flexibility to use innovative strategies to deliver instruction in engaging ways to students across the state.

We offer an extensive and constantly evolving catalog of learning experiences to give students different paths to gain knowledge and build skills, and to showcase what they learn in personalized digital portfolios of work.

We also help students connect with industry experts through in-person events, team-based internships, and other rich experiences.

By doing this, we give students a competitive edge on their way to high-wage and socially impactful careers, providing a dynamic talent pipeline for North Carolina.

Check out our overview video to see how we are igniting futures in tech for students across North Carolina!
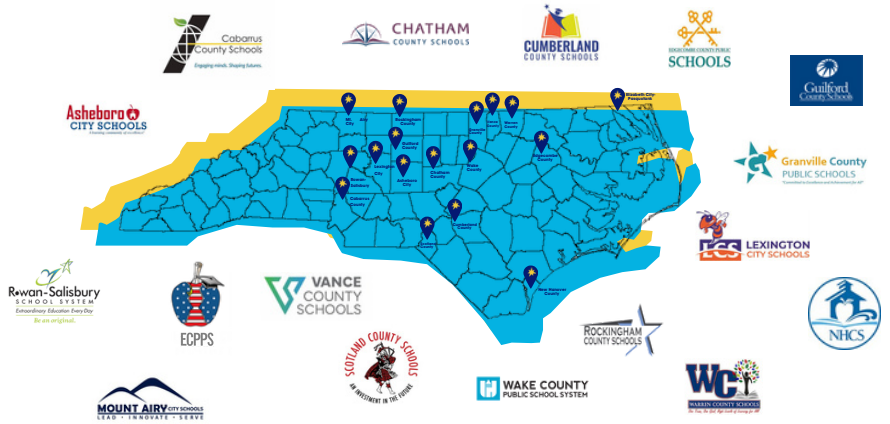
Scan

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Interdistrict Network

Innovative leaders from 17 North Carolina school districts have come together to plan and launch SparkNC through an interdistrict collaborative network.

SparkNC Learning Experiences

Students choose among three types of learning experiences.

((•)) Live
Interdistrict Units

Live Units are designed and led by SparkLab Leaders and industry experts and offered either in-person or virtually across the interdistrict network of SparkLabs.

Experiential Units

Experiential Units are live, in-person events and programs such as conferences, team-based internships, job shadowing, and other hands-on learning opportunities.

▶ On-Demand Units

On-Demand Units on the SparkNC platform let students choose from a menu of learning experiences in high-tech fields and complete them at any time and at any pace that works for them.
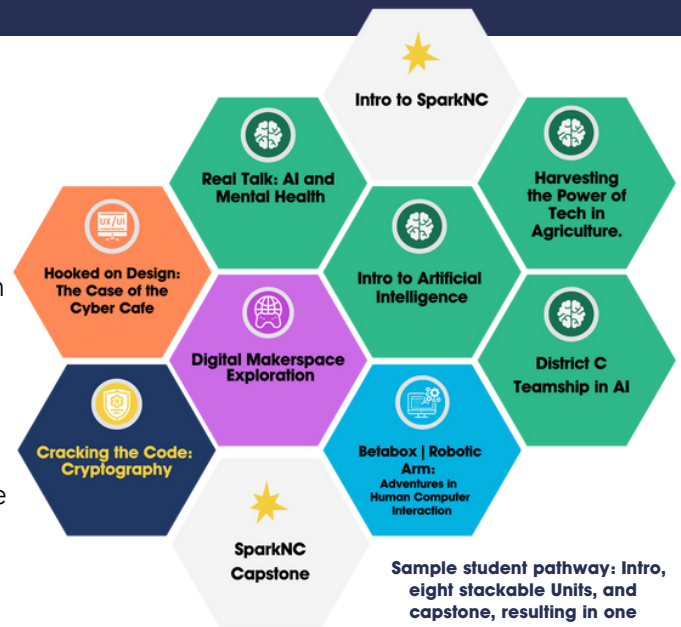
Stackable Units for Credit

SparkNC's Unit Catalog offers more than 50 learning experiences (and growing!) related to high-tech fields.

Each Unit covers about the same amount of content as 15 hours in a traditional course. Eight Units, plus a required introductory module and a capstone experience, earns a local elective course credit toward high school graduation.

Students choose which of the units they want to take and then stack them together like building blocks. No two paths need to be the same. It's entirely up to each student. Some of SparkNC's learning experiences can be done individually. Many are cohort-based or can be done in teams.

Sample student pathway: Intro, eight stackable Units, and capstone, resulting in one elective credit toward high school graduation

Each Unit has been carefully designed by our team and partners according to a detailed unit planning guide that includes learning objectives, a focus on durable skills and tech skills, leading to a performance task and final reflections.