

Computel Science Proposa

March 31, 2025



Career Development Experience &



STUDENT SUCCESS PLANNING

EXPLORE

Students in elementary learn about careers, participate in classroom jobs, and grow durable skills for the real world.

GRADES 6-8

PLAN

Middle School students learn about themselves, the community, and plan for their future in the world of work.

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In High School, students are preparing for their future by learning career specific skills and earning industry recognized credentials.

PREPARE

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GRADES

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12

Elementary

GRADES

Career Days Guest Speakers Mentors Citizenships Financial Literacy

Middle School

Career Camps iCan Career Expo Goal Setting Course Planning STEM Curriculum Academy Options

STUDENT SUCCESS PLANS

HIGH SCHOOL

Career Focused Courses
Concurrent Options
Peak
AP Options
Industry Credentials
Work Based Learning
Associate Degrees

75 HOURS OF COMMUNITY SERVICE

8th Grade

Create the plan in Career Connections class using Naviance course planner.

9th Grade Revisit

the plan with counselor to secure chosen courses.

10th Grade Solidify

the plan and
follow through
with goals and
classes.

DURABLE SKILLS

Computer Science Academy

Chaffin Middle School



Grades 6-8

6th Grade (2026-2027)

Students will take core classes being taught through a computer science lens. They will also take 2 additional computer science electives.

7th Grade (2027-2028)

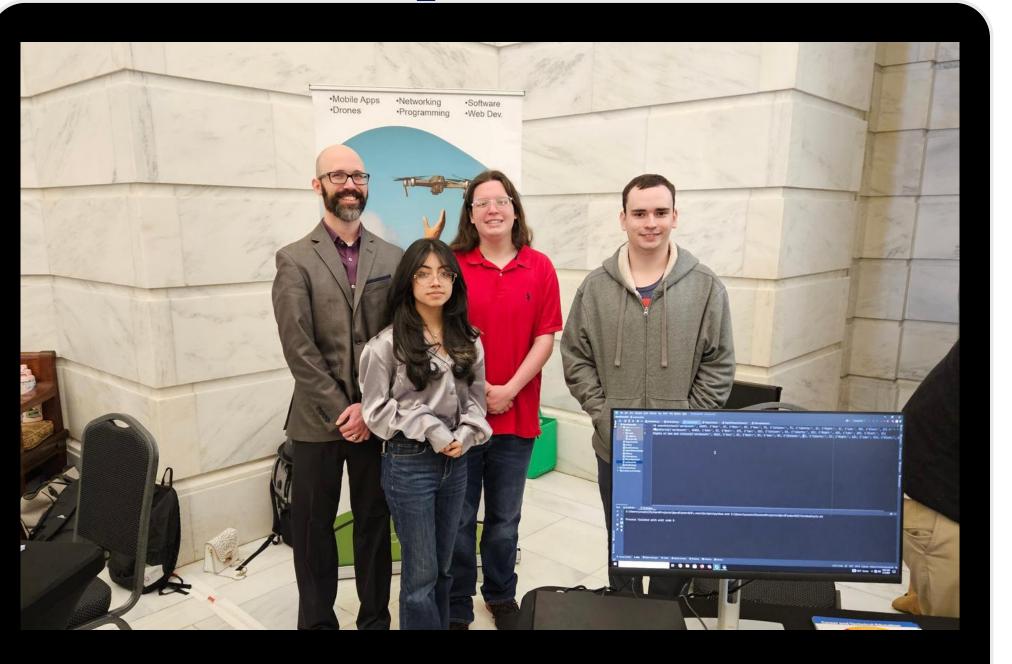
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8th Grade @ Peak (2028-2029)

Embedded in the academy model program will be a high school level course in computer science where each student will receive a high school credit. Students will also plan for high school and create their student success plans.

CSA graduates will then be able to complete high school cybersecurity and concurrent credit networking programs, leading to an associates degree.

Information Technology and Security



Grades 9-12

Cybersecurity

Students will complete a fully immersive cybersecurity experience. We are currently researching concurrent credit options for this new pathway.

Work-based Learning

Students will work with regional IT professionals on real-world problems of practice.

Certifications

Students will earn stackable industry recognized certifications in the cybersecurity and networking fields. Examples include CompTIA A+ and CompTIA Security+ certifications.

Staffing and space considerations

Grades 6-12

Staffing

The CSA will require two teachers per grade, totaling 6 teachers by 2028-2029. The half day cybersecurity program at Peak will require one teacher to provide a morning and an afternoon section in year 1.

Space

We will use exisiting classrooms at Chaffin, but we will need to finish out 2 classrooms on the 1100 wing at Peak for the 8th grade CSA students. We will repurpose a classroom on the 1400 wing for high school Cybersecurity.

Equipment

We want our students to have access to state of the art cybersecurity and networking equipment

Projected costs by year

Grades 6-12

2026-27

Equipment/ furniture CSA 6th grade: \$87,400 Equipment/ furniture Peak Cybersecurity: \$72,700

2 instructors CSA (6th): \$140,000

1 instructor Peak Cybersecurity: \$70,000

2027-28

Equipment/furniture CSA 7th grade: \$87,400 2 instructors CSA (7th): 6th grade teachers will cover 7th in the afternoon.

2028-29

Equipment/ furniture CSA 8th grade @Peak: \$87,400

1 instructors CSA: \$70,000

Renovation Peak CSA room: TBD