

Chicago Pre-College Science and Engineering Program

The Chicago Pre-College Science and Engineering Program (ChiS&E) provides highly-engaging, age-appropriate hands-on science and engineering activities for Chicago Public School (CPS) K-12 students and their parents. The program develops student and parent knowledge as well as a love of learning in areas of science, technology, engineering and mathematics. CHIS&E HAS AN ANNUAL ENROLLMENT OF 400 STUDENTS AND 300 PARENTS



Kindergarten

“Little Civil Engineer” + Algebra concepts

Grade One

“Little Chemical Engineer” + Algebra concepts

Grade Two

“Little Electrical Engineer” + Algebra concepts

Grade Three

“Little Mechanical Engineer” + Algebra concepts

Grade Four

“Little Structural Engineer” (Bridge Building)

Grades Five & Six

“Young Mathematicians” (Geometry)

“Young Aerospace Engineers”

Grade Seven

“Young Physicist’s” (Physics and Algebra)

Summer: Algebra, Raspberry Pi, and Engineering

Grade Eight

“Young Computer Scientist” (Coding) +
Chemistry, Organic Chemistry, and
Bioengineering Concepts

Summer: Engineering, Algebra, and Raspberry Pi

Grades Nine & Ten

Algebra Concepts for Calculus

Summer: Engineering, Raspberry Pi, and more

Algebra Concepts for Calculus

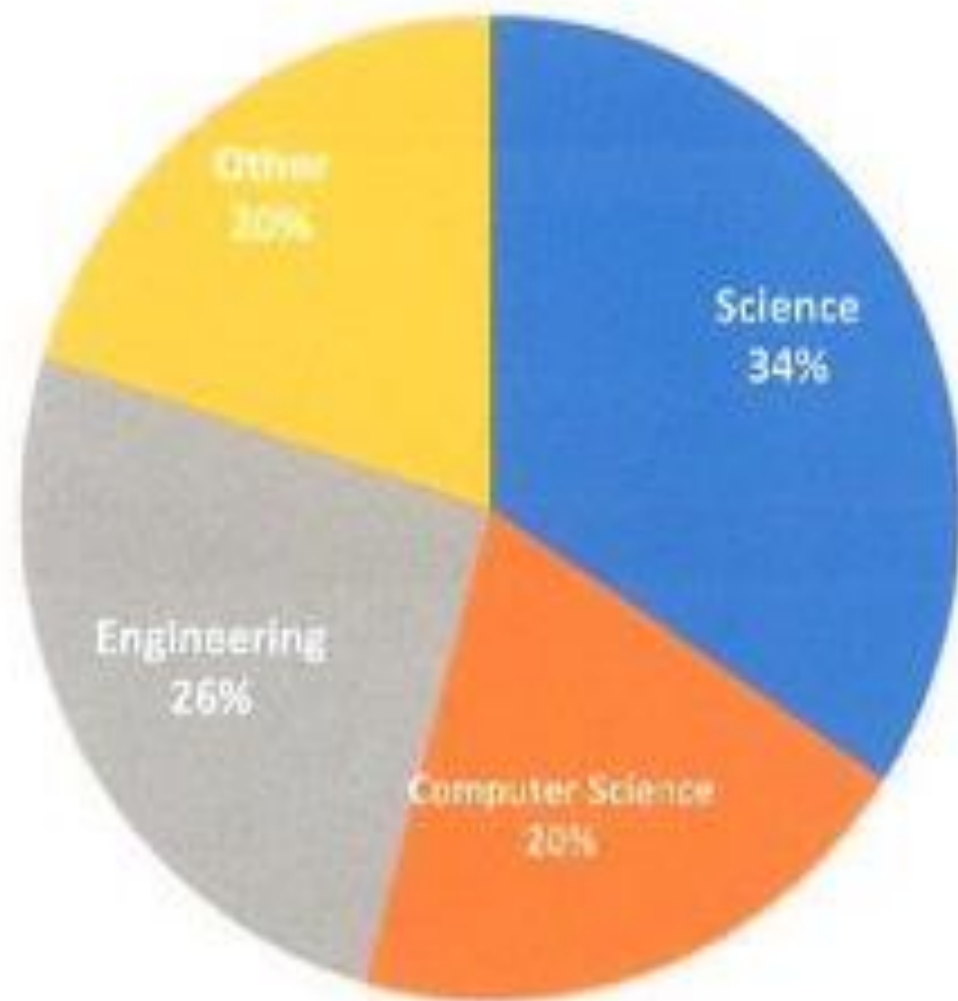
Advanced Robotics

Grade Eleven & Twelve

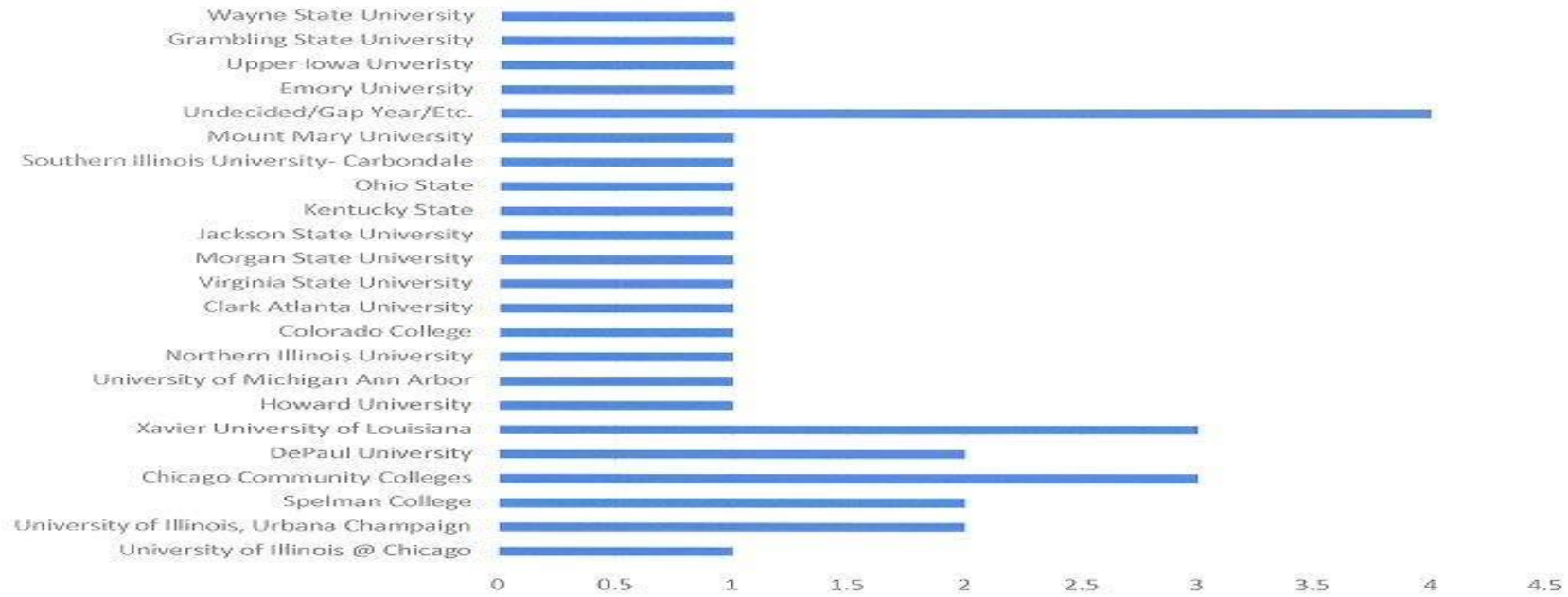
Electrical and Computer Engineering with Arduino

Data Science

ChiS&E 12th Grade "Class of 2021" College Majors



Universities



Do you feel the CHiS&E program enhanced your learning? If so, on what scale?

46 responses

