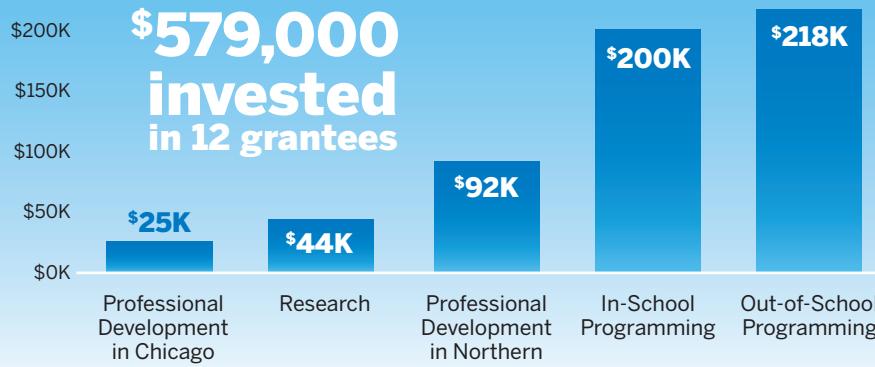


# CME Group Foundation's 2019–2020 Computer Science Portfolio

In 2019, the CME Group Foundation launched a new Computer Science portfolio aiming to reduce computer science "deserts" in Chicago. These grants to Chicago Public Schools and local nonprofits support in- and after-school programming in neighborhoods without accessible or upper-level K–12 computer science programs.

## Our investment this school year



Our grantees **547** students engaged in out-of-school time computer science programs



CME Group Foundation investments supported professional development for:

**26** teachers in Belfast, Northern Ireland

**17** teachers in Chicago Public Schools

**2,908** teachers via the virtual Computer Science Teachers Association Conference

83% reported increased computer science knowledge

94% reported increased confidence in teaching computer science

99% committed to implementing a new idea after attending

## Of students served in out-of-school-time computer science programs:



improved their proficiency in computer science skills



increased their proficiency in 21<sup>st</sup>-century skills



said they intend to pursue a career in computer science



**230** (48%) Chicago Public Schools (CPS) elementary schools offered computer science courses during the 2019–2020 school year

Elementary school educators emphasize the importance of continuing to build computer science into their curricula

**I would like for our school to provide coding to all students.**  
It would be wonderful for students to receive a coding class just like they receive gym, art, music, etc.

— CPS EDUCATOR

The CPS Class of 2020 was the first class required to take and pass at least one full-year computer science course.

The two most popular high school computer science curricula were Exploring Computer Science and AP Computer Science Principles.

**5 CPS schools** with after-school computer science clubs supported by the foundation transitioned these offerings into the school day.

After thorough review and evaluation, CPS's Office of Computer Science approved Code Nation's Intro to Web Development course for elective credit.

Data sources: Arabella Advisors compiled this dashboard with data provided by the CME Group Foundation's 12 computer science grantees in August 2020. For questions, contact alexandra.bass@arabellaaadvisors.com.