WHY EVERY STUDENT NEEDS TO STUDY COMPUTER SCIENCE

Learning the fundamentals of computer science can help students to succeed in school as well as in future career fields

Number of computer science graduates in 2019:

India	215,000
China	185,000
U.S.	65,000

The number of open computer science job positions across all industries

700,000

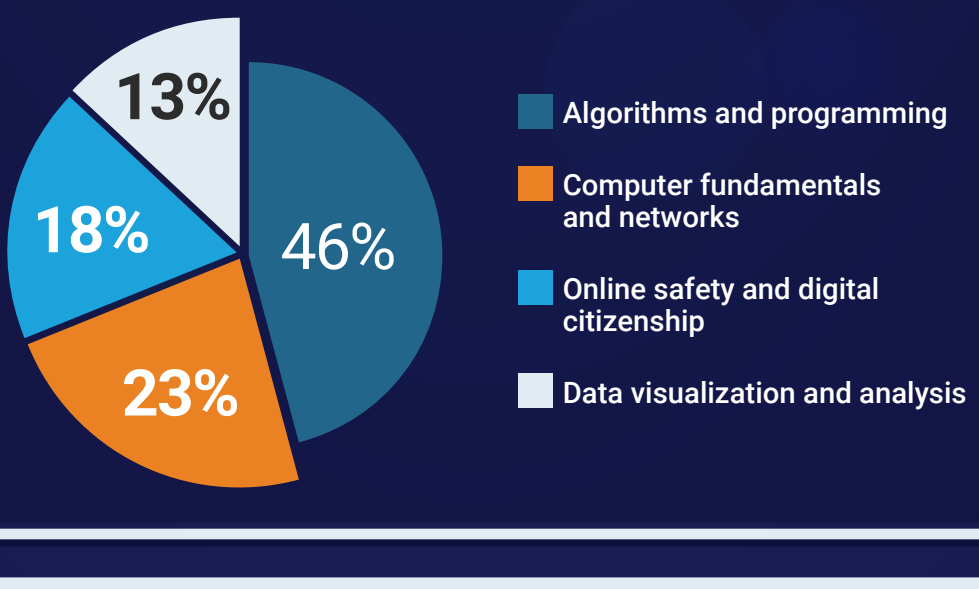
The estimated number of high school students studying computer science

5%

States that have adopted computer science standards

40

What skills make up computer science?*



*Data from the Computer Science Teachers Association (CSTA), Code.org (advocacy.code.org)

A comprehensive computer science curriculum begins in the earliest grades with age-appropriate lessons about online safety, computer fundamentals, and other foundational digital skills that must be mastered before more complex skills like coding or game design are introduced.

Learning.com helps schools and districts incorporate essential digital skills instruction across all grade levels—from online safety and computer basics starting in kindergarten, through advanced topics like algorithmic thinking and coding—to ensure students are prepared to succeed in the digital age.

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