## Gallup | Google Parent Survey

**Current Perspectives and Continuing Challenges in Computer Science Education in U.S. K-12 Schools**

CONSENT1 Welcome! This survey is about the educational experiences of children in **7th through 12th grade**. The first part of the survey should be answered by you, the parent, and the rest of the survey should be answered by your child. We’ll start by asking you a few questions about your child. Then we’ll ask for your permission to survey your child. Your child should then answer the rest of the questions in the survey.   
 You will receive a $**{INCENTIVE}** reward for completing this survey and another $**{INCENTIVE}** reward if your child completes their survey. Do you agree to continue with this short survey?

* Yes (1)
* No (2)

Skip To: End of Block If CONSENT1 = 2

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Q01 How many children do you have who are currently enrolled in grades 7 through 12 who live at least some of the time in your household?

* None (1)
* 1 (2)
* 2 (3)
* 3 (4)
* 4 (5)
* 5 (6)
* More than 5 (7)
* Don’t know (98)

Skip To: End of Block If Q01 = 1

Skip To: End of Block If Q01 = 98

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T\_Q02 To make sure the survey represents people who were randomly selected, if you have more than one child in 7th through 12th grade, please think about the child who will have the **next birthday**.

Q02 What grade is this child currently enrolled in?

* 7th (1)
* 8th (2)
* 9th (3)
* 10th (4)
* 11th (5)
* 12th (6)
* Other (7)

Skip To: End of Block If Q02 = 7

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T\_Q03 For this survey, you may be prompted to think about your student who is currently in **${Q02/ChoiceGroup/SelectedChoices}** grade.

End of Block: META, CONSENT1, CONSENT2, Q01, Q02, Q03

Start of Block: Q03A-I

Q03 Based on what you have seen or heard, do you consider each of the following activities to be part of computer science?

Q03A Programming and coding

* Yes (1)
* No (2)

Q03B Creating new software

* Yes (1)
* No (2)

Q03C Creating documents or presentations on the computer

* Yes (1)
* No (2)

Q03D Searching the Internet

* Yes (1)
* No (2)

Q03E Analyzing large data sets

* Yes (1)
* No (2)

Q03F Artificial intelligence and machine learning

* Yes (1)
* No (2)

Q03G Creating videos or music on the computer

* Yes (1)
* No (2)

Q03H Learning to safely use the Internet

* Yes (1)
* No (2)

Q03I Hardware design and development

* Yes (1)
* No (2)

End of Block: Q03A-I

Start of Block: Q04, Q05, Q06, Q07, Q08, Q09, Q10, Q11, Q12

T\_Q04   
For this survey, “computer science” means the study of computers, including both hardware and software design, development and programming. This does NOT include just using or having access to a computer in general.   
  
   
For the purposes of this study, computer science includes learning about or doing things like:   
- Developing hardware and software   
- Programming a computer   
- Writing and running computer code   
- Machine learning and artificial intelligence   
    
Computer science does not include things like:   
- Simply using a computer, tablet or smartphone   
- Conducting online research   
- Creating documents or presentations on the computer

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Q04 How supportive would you be if your child wanted to learn computer science?

* 1 - Not at all supportive (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very supportive (5)

Q05 How important is it for your child to learn computer science?

* 1 - Not at all important (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very important (5)

Q06 How important is it for ALL students to learn computer science?

* 1 - Not at all important (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very important (5)

Q07 How likely is your child to need to know computer science for their career someday?

* 1 - Not likely at all (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very likely (5)

Q08 How likely is your child to pursue a career in computer science someday?

* 1 - Not likely at all (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very likely (5)

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T\_Q09   
On a five-point scale, where 5 means strongly agree and 1 means strongly disagree, please rate your level of agreement with the following items.  
  
  
As a reminder, “computer science” means the study of computers, including both hardware and software design, development and programming. This does NOT include just using or having access to a computer in general.

Q09 I am eager for my child to pursue a career in computer science.

* 1 - Strongly disagree (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Strongly agree (5)

Q10 Having computer science education would significantly improve the future career options for my child.

* 1 - Strongly disagree (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Strongly agree (5)

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Q11 How confident is your child that they could be successful in learning computer science if they wanted to?

* 1 - Not confident at all (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very confident (5)

Q12 How interested is your child in learning computer science?

* 1 - Not interested at all (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very interested (5)

End of Block: Q04, Q05, Q06, Q07, Q08, Q09, Q10, Q11, Q12

Start of Block: Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q20A, Q20B, Q21, Q22

T\_Q13 As a reminder, “computer science” means the study of computers, including both hardware and software design, development and programming. This does NOT include just using or having access to a computer in general.

Q13 Have you ever taught your child about computer science?

* Yes (1)
* No (2)

Q14 Have you ever encouraged your child to learn about computer science?

* Yes (1)
* No (2)

Q15 Have you ever encouraged your child to pursue a career in computer science?

* Yes (1)
* No (2)

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Q16 Are there opportunities in your community for students like your child to learn computer science outside of school?

* Yes (1)
* No (2)
* Don’t know (3)

Q17 Has your child ever learned ANY computer science, such as using programming to create software, apps, games, websites, or electronics?

* Yes (1)
* No (2)
* Don’t know (3)

Q18 Have you ever looked for ways to help your child learn computer science?

* Yes (1)
* No (2)

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Display This Question:

If Q18 = 2

Q19 Which of the following reasons describe why you have not looked for ways to help your child learn computer science? *Select all that apply.*

* I don’t think it’s as important as other subjects (1)
* I don’t feel confident helping my child learn these skills (2)
* Lack of time (3)
* I don’t feel comfortable with computers (4)
* I don’t feel comfortable with computer science (5)
* I think the kids already know a lot about computers (6)
* I don’t think it’s important (7)
* My kids are overscheduled (8)
* I don’t have access to technology/Internet at home (9)
* My community or school does not offer opportunities to learn computer science (10)
* My child’s school does not offer opportunities to learn computer science (11)
* I don’t have access to learning resources in my primary language (12)
* I don’t know where to start (13)
* My child isn’t interested in computer science (14)
* I can’t afford it (15)
* My child’s school is responsible for teaching them computer science (16)
* My child has not expressed interest in learning computer science (17)
* Another reason (18)

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T\_Q20 As a reminder, “computer science” means the study of computers, including both hardware and software design, development and programming. This does NOT include just using or having access to a computer in general.

Q20 Please rate your level of satisfaction with the following items:

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Q20A The **availability** of computer science education opportunities at your child’s school

* 1 - Very dissatisfied (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very satisfied (5)
* Don’t know (98)

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Q20B The **quality** of computer science education used at your child’s school

* 1 - Very dissatisfied (1)
* 2 (2)
* 3 (3)
* 4 (4)
* 5 - Very satisfied (5)
* Don’t know (98)

Q21 Did your child learn ANY computer science at school in the past year?

* Yes (1)
* No (2)
* Don’t know (3)

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If Q21 = 1

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Q22 Please rate the quality of computer science learning that your child has received **at school** this year.

* Poor (1)
* Fair (2)
* Good (3)
* Very good (4)
* Excellent (5)
* Don't know (98)

End of Block: Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q20A, Q20B, Q21, Q22

Start of Block: D1, D2, D3, D4, D5, D6, D7, D8, D9, TY, CONSENT3

T\_D1 Next are just a few more questions about your child in **${Q02/ChoiceGroup/SelectedChoices}** grade.

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D1 Is your child of Hispanic, Latino, or Spanish origin - such as Mexican, Puerto Rican, Cuban, or other Spanish origin?

* Yes (1)
* No (2)
* Don’t know (8)

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D2 Which of the following describes the race of your child? You may select one or more.

* White (1)
* Black or African-American (2)
* Asian (3)
* American Indian or Alaska Native (4)
* Native Hawaiian or Pacific Islander (5)
* ⊗Don't know (6)

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D3 What is the gender of your child?

* Male (1)
* Female (2)
* Other (3)

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D4 What is the age of your child?

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D5 Which of the following languages is the primary language your child speaks at home?

* English (1)
* Spanish (2)
* Other (3)

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D6 Which of the following best describes the area in which your child’s school district is located?

* City (1)
* Suburb (2)
* Town (3)
* Rural (4)
* Don’t know/Does not apply (98)

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D7 What type of school does your child attend?

* Public (1)
* Private (2)
* Charter (3)
* Some other kind of school (4)

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D8 What is the zip code of your child’s school?

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D9 After your child finishes high school, they will most likely:

* Attend a four-year college or university (1)
* Attend a two-year college (2)
* Attend training to learn a skill or trade (3)
* Enter the military (4)
* Work at a paid job (5)
* Volunteer or serve on a mission (6)
* Take time off (7)
* Start a business (8)
* Other (9)
* Don’t know (10)

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TY   
Thank you so much for your responses! The rest of the questions on this survey are for your child in ${Q02/ChoiceGroup/SelectedChoices} grade. We'd like to ask this child some questions about their learning experiences both in and out of school. These results will be part of a large national study on learning.  
  
  
All of your child’s responses will be kept **completely confidential** and will be used to report insights on youth perceptions on these issues.

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CONSENT3 Do you give permission for your child to answer these questions?

* Yes (1)
* No (2)

End of Block: D1, D2, D3, D4, D5, D6, D7, D8, D9, TY, CONSENT3