

PACE Student Interest in Computer Science Survey

The contents of this survey were developed under a grant from the U.S. Department of Education, Education Innovation and Research (EIR) Program. However, those contents do not necessarily represent the policy of the U.S. Department of Education. And you should not assume endorsement by the Federal Government.

Some items in the PACE Student Interest in Computer Science survey are adapted from the previously published *Assessing Student Interest in Computer Science* survey.¹

¹ LeadCS.org (2015). *Assessing Student Interest in Computer Science*. CEMSE, Outlier Research & Evaluation, University of Chicago. <http://www.leadCS.org>

Welcome to the PACE Student Interest in Computer Science survey for [school district]! This survey asks questions about your perspective on computer science, which is the study of how and why computers work, how computers are changing the world, and how you can use them to design, create, and solve big problems using them – in a career or anything you are interested in.

The questions will ask for your opinions about the importance of computer science skills and opportunities, and your interest and involvement in computer science activities.

Participation in this survey is voluntary, and all responses are confidential.

The survey takes about 8-10 minutes to complete.

Thank you for taking the survey!

Enter your first name _____

Enter your last name _____

1. To what extent do you agree or disagree with these statements about computer science?

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Computer science skills are useful in the real world.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer science skills are important for finding a job in the future.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having computer science skills is important for finding a high paying job in the future.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking computer science classes is necessary for me to accomplish what I want in school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking computer science classes will help me reach my goals for college/career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. To what extent do you agree or disagree with these statements about your attitude about learning computer science?

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
I am able to do well in activities that involve computer science skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel confident that I can understand computer science ideas.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in classes that use computer science skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I work hard in my classes that involve computer science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in careers that use computer science skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I intend to take more computer science courses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I plan to take after-school and/or summer activities that involve computer science skills during this school year or next summer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. During the past 12 months, how frequently did you do computer science activities (such as write code, build a website, video game, or app, etc.) outside of your school classes (in an afterschool class or club or on your own free time)?

- ☐ Never
- ☐ About 1-10 days in the past year
- ☐ About 1-2 days each month
- ☐ About 1-2 days each week
- ☐ 3 days or more each week

4. If you had the chance, how likely are you to engage in each of these computer science activities outside of school (in an after-school class or club or on your own free time).

	Extremely unlikely	Somewhat unlikely	Neither likely nor unlikely	Somewhat likely	Extremely likely
Write code	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create a video game	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Produce digital music	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Join an afterschool class or club focused on computer science or robotics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use 3D maker tools to make a new creation or 3D print a piece for a project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use computer- programmed lights and music (for example, as part of a dance)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Build a website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use a computer to collect and organize data on a subject you are interested in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program a robot	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trouble shoot tech problems at home such as computer or Wi-Fi issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create an app	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Help friends or family members understand how to use their computer or phone apps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Select and edit digital photos	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. During the school year, how much time each week do you spend on computer science activities outside of school?

- ☐ Zero hours per week
- ☐ Less than 1 hour per week
- ☐ 1 hour per week
- ☐ 2 hours per week
- ☐ 3 hours per week
- ☐ 4 hours per week
- ☐ 5 hours per week
- ☐ 6 hours per week
- ☐ 7 hours per week
- ☐ 8 hours or more per week

6. What is your gender? (select one)

- ☐ Male
- ☐ Female
- ☐ Nonbinary
- ☐ Prefer not to say

7. Are you currently taking a computer science class at your school?

- ☐ Yes, I am.
- ☐ No, I am not.

8. What grade are you currently in

☐ 6th grade

☐ 7th grade

☐ 8th grade