

CKACS Student Assessment Grades K-2 Version

Affective Items

Respond to the following items using this 4-pt Likert scale: Strongly disagree (1), Disagree (2), Agree (3), Strongly agree (4)

Proposed Factor	Item
Confidence	13. I know what computer science is.
	14. I can learn computer science. ¹
	15. I am good at computer science. ^{1,2}
	16. I can do computer science. ³
	17. People like me can do computer science. ²
	18. I know a lot about computers. ²
Interest	19. I would like to learn more about computer science. ^{1,2}
	20. I like computer science. ^{2,4}
	21. I would like to get a job in computer science when I get older. ³
	22. I think computer science is interesting. ⁴
	23. It is fun to do computer science. ²
CS Utility	24. I can use computer science skills in my life. ²
	25. Knowing computer science will help me to meet my goals. ^{2,3}
	26. I can use computers to help people and solve problems. ^{1,2,3}
	27. I will need to know computer science for my future job. ¹

Note. ¹ Adapted from Elementary Student Coding Attitudes Survey, Mason & Rich, 2019. ² Adapted from STARS Outreach Computer Attitude Survey, 2015 ³ Adapted from Programming Empowerment Survey, Kong et al., 2018.

⁴ Adapted from Hour of Code, Phillips & Brooks, 2017.