

Teaching Computational Thinking & Coding Post-Survey

Dear Teachers,

We are in the process of validating the effectiveness of some recently-developed resources to better help teachers and pre-service teachers at BYU and its partner schools to understand and integrate Computational Thinking (CT) into their classrooms. You are receiving this survey because you have recently engaged with some of these resources, and we want your feedback to help us validate and improve our resources for future students.

Please take just 3-5 minutes to respond to this survey as soon as possible.

* Required

1. Email address *

2. Which of the following best describes you? *

Mark only one oval.

- Early Childhood Education Student
- Elementary Education Student
- Secondary Education Student
- Professional Early Childhood Educator *Skip to question 4.*
- Professional Elementary Educator *Skip to question 4.*
- Professional Secondary Educator *Skip to question 4.*

Student Status

3. Which of the following best describes your class standing in your program? *

Mark only one oval.

- Freshman
- Sophomore
- Junior
- Senior

4. Please indicate your status for each of the classes below.

Mark only one oval per row.

	Completed	Currently Enrolled	Plan to Take	Don't Plan to Take
IP&T 371	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
IP&T 372	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ECE 332 or SFL 222	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Method Effectiveness

5. Which of the following badges did you most recently complete? *

Mark only one oval.



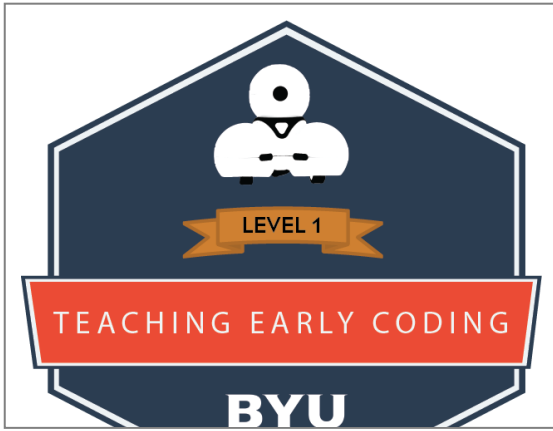
Understanding Computational Thinking
question 7.

After the last question in this section, skip to

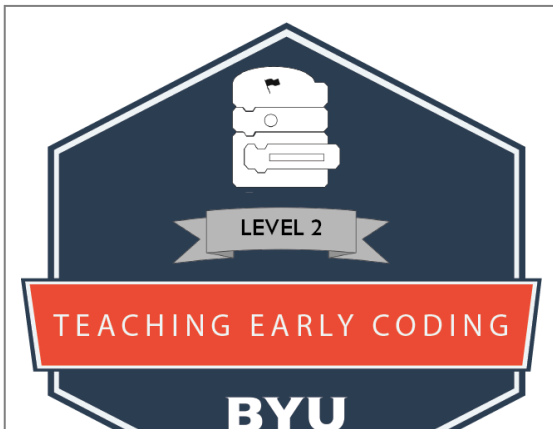


Teaching Computational Thinking
7.

After the last question in this section, skip to question



Teaching Early Coding - Level 1 *After the last question in this section, skip to question 13.*



Teaching Early Coding - Level 2 *After the last question in this section, skip to question 13.*

6. Did you use the instructional materials linked from in the "Tutorials" section of the badge? *

Mark only one oval.

- Yes - Extensively
- Yes - A little
- No

7. In your opinion, how effective were the resources you experienced in the following areas? *

Mark only one oval per row.

	Very Ineffective	Somewhat Ineffective	Neutral	Somewhat Effective	Very Effective
Helping you learn new material.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Helping you see the relevance of the information.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increasing your confidence in your ability to apply the information in your (future) classroom.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Computational Thinking

Please answer these questions from your current knowledge and understanding, without consulting any external resources.

8. In your own words, what is Computational Thinking? (Be as detailed as possible.) *

9. On a scale of 1-5, how motivated are you to learn more about Computational Thinking and how to integrate it into your (future) classroom? *

Mark only one oval.

	1	2	3	4	5	
Not Motivated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Motivated

10. Please Rate your Agreement with the following statements. *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I will likely be involved in teaching some aspect of Computational Thinking to my future students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned some Computational Thinking in Elementary School or earlier.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned some Computational Thinking in Middle School or High School	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am familiar with resources to help K-12 teachers integrate Computational Thinking into their curriculum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel confident in my ability to integrate aspects of Computational Thinking into my curriculum in ways that are developmentally-appropriate and effective for my students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can teach computational thinking to my students through the use of coding principles (e.g., functions, loops, conditionals, variables, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important for all 21st Century K-12 students to study Computational Thinking.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Imagine your principal asks you to teach a computational thinking class or communicates to your department that you are now expected to integrate computational thinking into your classes. What are your initial reactions, concerns, or questions? *

12. How motivating was it for you to potentially earn a badge that represented your work in this area?

Mark only one oval.

	1	2	3	4	5	
Not motivating at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very motivating

13. What were your overall thoughts about the open badges offered as part of this experience?

Coding

Please answer these questions from your current knowledge and understanding, without consulting any external resources.

14. On a scale of 1-5, how motivated are you to learn more about coding and how to integrate it into your (future) classroom? *

Mark only one oval.

	1	2	3	4	5	
Not Motivated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Motivated

15. Please Rate your Agreement with the following statements. *

Mark only one oval per row.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I will likely be involved in teaching some aspect of Coding to my future students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned some Coding in Elementary School or earlier.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned some Coding in Middle School or High School	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am familiar with resources to help K-12 teachers integrate Coding into their curriculum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel confident in my ability to integrate aspects of Coding into my curriculum in ways that are developmentally-appropriate and effective for my students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can teach various Coding principles to my students (e.g., functions, loops, conditionals, variables, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is important to provide all 21st Century K-12 students with the opportunity to study Coding.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16. Imagine your principal asks you to teach a Coding class or communicates to your department that you are now expected to integrate coding into your classes. What are your initial reactions, concerns, or questions? *

17. How motivating was it for you to potentially earn a badge that represented your work in this area?

Mark only one oval.

	1	2	3	4	5	
Not motivating at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very motivating

18. What were your overall thoughts about the open badges offered as part of this experience?
