

# You and Computational Thinking

Hi, girls!

Before we begin our next meeting, we've prepared a quick quiz for you to answer. It will help us understand a little more about how each of you thinks and relates to Computational Thinking.

The test has 23 questions divided into 4 parts, and each part has 5 answer options, ranging from "Never" to "Always".

Finally, there are some questions to find out how you felt about the last date, but this time in a different way, with statements on a scale (from "it didn't happen to me" to "it happened to me a lot").

To move from one section to another, just click "Continue" at the bottom of the page.

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\* Indicates a required question.

1. Full name: \*

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2. School: \*

*Mark only one oval.*

☐ CE Paulo Assis Ribeiro

☐ In Altivo César

3. What school year are you in? \*

*Mark only one oval.*

- ☐ I am a teacher.
- ☐ 6th grade of Elementary School
- ☐ 7th grade of Elementary School
- ☐ 8th grade of Elementary School
- ☐ 9th grade of Elementary School
- ☐ 1st year of High School
- ☐ 2nd year of High School
- ☐ 3rd year of High School

#### Creativity

4. I like people who are confident in their decisions .

*Mark only one oval.*

	1	2	3	4	5	
Never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Always

5. I like people who are realistic and neutral .

*Mark only one oval.*

	1	2	3	4	5	
Never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Always

6. I believe I can solve most of the problems I face if I...  
I have enough time and I make the effort.

\*

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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7. When faced with a new situation, I believe I can solve it.  
problems that arise.

\*

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

8. I believe I can execute the plan while I  
I'll solve my problem.

\*

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

9. Dreaming makes my most important projects appear.

\*

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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10. I trust my intuition and my sense of "being right" or "being wrong" when I'm close to solving a problem. \*

Mark only one oval.

1 2 3 4 5

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Never ☐ ☐ ☐ ☐ ☐ Always

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11. When I encounter a problem, I stop before moving on to another topic and analyze the problem at hand. \*

Mark only one oval.

1 2 3 4 5

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Never ☐ ☐ ☐ ☐ ☐ Always

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### Cooperativeness

12. I enjoy experimenting with cooperative learning together with my group of friends and teacher from the Include Girls Project. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

13. In cooperative learning, I find that I achieve better results because I am working in a group. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

14. I enjoy solving problems related to the Robo Eva project with my fellow scholarship students and teacher.

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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15. More ideas emerge in cooperative learning .

*Mark only one oval.*

1    2 3 4 5

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Never ☐ ☐ ☐ ☐ ☐ Always

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#### Critical Thinking

16. I am good at organizing simple plans to solve complex problems.

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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17. It's fun trying to solve complex problems .

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

18. I am willing to learn challenging things .

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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19. I am proud of my ability to think with great accuracy/precision .

*Mark only one oval.*

1    2 3 4 5

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Never ☐ ☐ ☐ ☐ ☐ Always

---

20. Before making a decision, I compare my options, weighing the benefits and drawbacks of each. \*

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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### Problem Solving

21. I have difficulty mentally representing the solution to a problem .

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

22. I'm having trouble figuring out where and how to use variables, such as X and Y, when solving a problem. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

23. I can't apply the step-by-step solution as I planned, gradually. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

24. I can't seem to find that many different solutions when I think about possible ways to solve a problem. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

---

25. I am unable to develop my own ideas in a cooperative learning environment. \*

Mark only one oval.

1 2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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26. I get tired when I try to learn something together with my group of friends and teacher in cooperative learning.

*Mark only one oval.*

1    2 3 4 5

---

Never ☐ ☐ ☐ ☐ ☐ Always

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### Regarding the activity of the last meeting

Girls, now comes the part where we want to know how you felt during the activity.

You'll see some statements about how people felt during the date. Read them carefully and rate how well each one matches your experience.

Scale:

- 1 - It didn't happen to me.
- 2 - Little happened
- 3 – It happened more or less
- 4 – It happened quite often
- 5 – It happened to me a lot.

Oh, and this part will appear every day now, okay? It's super important for us to understand how you're feeling throughout the activities.

27. Were you present at the last meeting ?

*Mark only one oval.*

☐ Yes

☐ No

28. I thought the activity was useful and important .

*Mark only one oval.*

1    2 3 4 5

---

It did not happen. ☐ ☐ ☐ ☐ ☐ Very present

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29. I cared about what good the activity could do for other people.

*Mark only one oval.*

1 2 3 4 5

It did not happen. ☐ ☐ ☐ ☐ ☐ Very present

30. I believed I could do the tasks on my own .

*Mark only one oval.*

1 2 3 4 5

It did not happen. ☐ ☐ ☐ ☐ ☐ Very present

31. I took the initiative and did my part in the activity .

*Mark only one oval.*

1 2 3 4 5

It did not happen. ☐ ☐ ☐ ☐ ☐ Very present

32. I enjoyed participating and I'm happy with what I did .

*Mark only one oval.*

1 2 3 4 5

It did not happen. ☐ ☐ ☐ ☐ ☐ Very present

33. I kept trying even when things were difficult .

*Mark only one oval.*

1 2 3 4 5

It did not happen.

☐☐☐

Very present

34. I felt like I belonged to the group and got along well with my colleagues .

*Mark only one oval.*

1 2 3 4 5

It did not happen.

☐☐☐

Very present

35. I talked to my colleagues, shared tasks, and helped them .

*Mark only one oval.*

1 2 3 4 5

It did not happen.

☐☐☐

Very present

36. Was there anything you felt or thought during the activity that didn't come up in the previous questions? If so, tell us what it was and how you felt.

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