

# EduCode Questionnaire

## WELCOME

Until now you felt that Information and Communication Technology (ICT) is complicated and not for you?! We would like you to realize that ICT actually stands for:

**Innovate – Communicate – Transform**

and it is something you can easily learn and practice as an adult!

Computational thinking is a skill that everyone should learn. Through learning about coding you are not just preparing for a career as software engineer, you are acquiring a problem solving method that uses computer science techniques. Coding combines mathematics, logic and algorithms, and teaches a new way to think about the world. Coding enhances creativity, helps you to cooperate, to work together across physical and geographical boundaries, to communicate in a universal language and across generations and cultures, to understand and master technology of all sorts, to solve problems in almost any discipline and last but not least: to have fun!

What is coding? Coding is a type of language that instead of using vocabularies or alphabets, uses codes - special commands, abbreviations and ways of arranging text. Coding is what makes it possible for us to create apps, games, websites and any computer software (from programming anti-virus software to image editors, whatever captivates you).

The importance of digital competence was recognised by the European Parliament and the European Council in 2006 in its recommendation on key competences for lifelong learning when it identified digital competence as one of eight key competences and 21<sup>st</sup> century skills, essential for all individuals in a knowledge-based society.

*The ERASMUS+ Programme project Fostering Coding Education in Europe – EduCode is running from the 1 November 2015 to 31 October 2017 led by the Spanish partner FUNDITEC and with partners from Spain (CETEI, EOLAS), Greece (CCS – Crystal Clear Soft), Italy (EuroCreaMerchant), Norway (ECWT) and Poland (Technical University of Lodz).*

**Our project wants to help YOU, women and men in the age of 18 to 55, no matter where you live in Europe, to learn to code in an easy and enjoyable way!**

Through filling out this brief questionnaire you will help us to identify your real needs in terms of coding education and build up the **EduCode Training Platform** for you, so that it provides you with the best tailored knowledge for adapting to the 21<sup>st</sup> century coding skills!

**Our EduCode Team highly appreciates your effort and contribution by answering our questionnaire consisting of 20 questions and taking max ten minutes to answer!**

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# EduCode Questionnaire

## I. The Background of the respondents (demographics)

1. **What is your sex?\*** Choose one
  - a. Female
  - b. Male
  - c. Other
  
2. **What is your age group?\***
  - a. 18-24
  - b. 25-34
  - c. 35-44
  - d. 45-54
  - e. 55+
  
3. **Do you have children or regular contact with your grandchildren? \***
  - a. YES
  - b. NO
  
4. **Where do you live?\***
  - a. Urban areas
  - b. Rural areas
  
5. **What is your educational background? \***
  - a. High-school diploma or equivalent
  - b. University degree, bachelor or equivalent
  - c. University degree, masters or equivalent
  - d. Post-graduate degree or equivalent
  - e. PhD
  - f. Other (please specify)
  
6. **What was the main subject you studied when getting your highest degree?\***
  - a. Computer science
  - b. Information technology
  - c. Business administration
  - d. Economics
  - e. Languages
  - f. Media

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- g. Art
- h. Other (please specify)

**7. Which is your employment situation?\***

- a. Employed full time
- b. Employed part time
- c. Self-employed - Run my own company
- d. On maternity leave
- e. Unemployed
- f. Not working and not looking for work
- g. Retired
- h. Other: (please specify)

**8. In which field do you work or have worked in?\***

- a. Software development and IT
- b. Office and administrative support
- c. Finance
- d. Art, entertainment, media
- e. Sales
- f. Food and beverage
- g. Public sector
- h. Education
- i. Transportation
- j. Other (please specify)

**9. Would you prefer to .....?\***

- a. Work for a small or medium business
- b. Start your own business
- c. Work for a startup
- d. Work for a multinational company
- e. Became a freelance
- f. Other (please specify)

**10. Do you have access to high-speed internet at home?\***

- a. YES
- b. NO

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## Experience and needs

11. **Do you have any previous knowledge and experience about coding?\*** If your answer is YES please proceed directly to Q#13, if your answer is I don't know or NO, please proceed to next question

- a. YES
- b. NO/ I don't know

12. **Do you feel disadvantaged or left out not being able to code?\***

- a. YES
- b. NO

13. **Have you attended any of these coding events?\***

- a. CoderDojo
- b. Coding bootcamps
- c. Conferences
- d. EU Code Week
- e. Hackatons
- f. Podcasts
- g. RailsGirls
- h. Women Who Code
- i. None
- j. Other (please specify)

14. **What expectations do you have about the influence of learning about coding on your life?\***

Choose all that interest you up to a total of five (5) in order of priority, ranking them from 1 to 5, where 5 is the highest priority and 1 is the lowest priority

- a. I am curious and want to learn about what technology can do
- b. I feel that what I will learn will help me in my further studies
- c. I hope to be able to find a job after going through EduCode
- d. I hope that after the EduCode training I can become part of the tech community
- e. The skills that I acquire will help me make a difference in the world
- f. The skills I acquire will help me in communication with the younger generation, my kids and grandchildren
- g. I hope my self-confidence will increase after the EduCode training
- h. I understand we all need coding skills for our future life

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- i. Coding will make my life more fun
- j. Other (please specify)

**15. Do you consider yourself under-employed?\***

- a. YES
- b. NO

**16. Would you be interested to ... ? after going through the EduCode training - \***

- a. Become a mentor for others
- b. Become a volunteer to assist EduCode trainings in your local area
- c. Continue to go more training courses
- d. Other (please specify)

**Training definition**

**17. What kind of free coding training material and tools would you be interested to have access to in the EduCode Training Platform? \***

Please state your level of agreement or disagreement to the following statements (5 = totally agree and 1= totally disagree ) :

- a) The training materials should include different quizzes/ tests that would allow me to estimate the level of understanding acquired.  
1   2   3   4   5
- b) Training materials should be designed to be available mainly online  
1   2   3   4   5
- c) Training materials should include additional resources such as news, open questions, excerpts, etc.  
1   2   3   4   5
- d) Text in the training materials should be limited and each training session should be broken down into short chapters or tasks.  
1   2   3   4   5
- e) Training materials should include both basic and advanced levels.  
1   2   3   4   5
- f) Extra resources should be provided for interested users  
1   2   3   4   5
- g) Other (please specify)  
1   2   3   4   5

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**18. Please provide your views on your level of interest on the following topics. 5 Very interested)**

- a) Improving basic digital skills.  
1            2        3        4        5
- b) Basic computer programming  
1            2        3        4        5
- c) Everyday coding  
1            2        3        4        5
- d) Computational thinking & related transversal skills.  
1            2        3        4        5
- e) HTML & CSS for beginner.  
1            2        3        4        5
- f) jQuery  
1            2        3        4        5
- g) Python  
1            2        3        4        5
- h) Photoshop  
1            2        3        4        5
- i) WordPress  
1            2        3        4        5
- j) Data visualization  
1            2        3        4        5

**19. In reference of the different "tests" please evaluate from most wanted (5) to least wanted (1)**

- a) Quizzes  
1        2        3        4        5
- b) Self-assessment tools  
1        2        3        4        5
- c) Competitions

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1      2      3      4      5

**20. In reference to the additional resources you would like to have available please evaluate from most wanted (5) to least wanted (1)**

a) Stakeholders

1      2      3      4      5

b) Materials/Courses

1      2      3      4      5

c) Projects/good examples

1      2      3      4      5

d) Links to instructional videos

1      2      3      4      5

Thank you

**EduCode highly appreciates your effort and contribution by answering our questionnaire!**

**Join our community and follow us on:**

URL: [www.edu-code.eu](http://www.edu-code.eu)

Contact:      Feel free to email [info@educode.eu](mailto:info@educode.eu) to get in touch with the creators of the survey.

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