



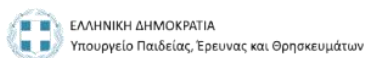
Next steps <>

After the pilot phase, the project will proceed with the replication programme and implement the curriculum guide in three additional schools (in Italy and Greece). Webinars will be carried out with teachers who will apply the lessons with their classes.

The results of the pilot and replication programme will lead to the fine-tuning of the curriculum guide that will disseminated at a national level through a wide set of multiplier events, as well as through a final publication, to be available at the website, free of costs.

Want to know more about the project?

Please visit our website (<http://juniorcodeacademy.eu/>) or contact local partners.



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Erasmus+ Programme
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CODE ACADEMY JUNIOR

Enhancing coding skills in European schools

www.juniorcodeacademy.eu

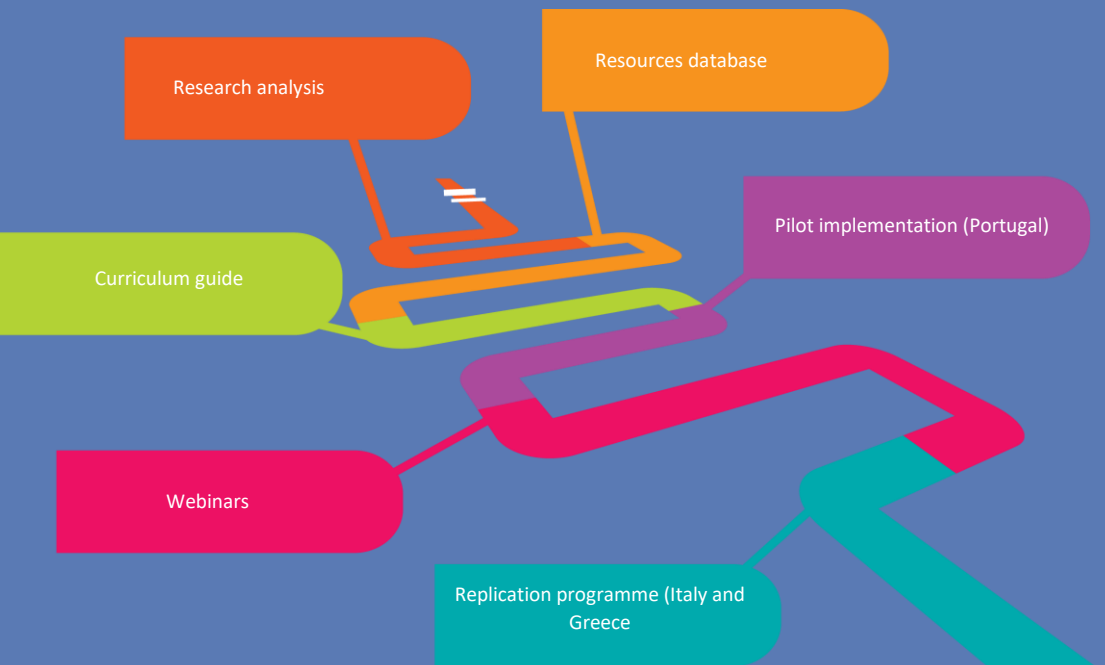




Junior Code Vision />

In today's global society, Education and Information and Communication Technology (ICT) are intimately connected. By delivering an innovative curriculum that further explores coding as a mean to solve problems in other subjects such as STEM (Science, Technology, Engineering and Mathematic), the Junior Code Academy project aims to prepare young students for our technological future.

Project Methodology



Pilot Implementation |

During the last semesters of 2016, the curriculum developed within the project was tested by end users at Agrupamento de Escolas de Aveiro (Portugal). In total, 2 ICT teachers and 124 pupils (from 5th to 9th grade) were involved.

Main Results

Both, teachers and students assessed each lesson and provide their feedback on how to improve the curriculum guide.

Main findings show that:

- Students enjoyed having coding classes and classified the lessons as very interesting to them
- They are motivated and want to learn more and participate in more complex projects, now that they are equipped with basilar concepts and skills
- Teachers were confrontable with the lessons and able to provide adjusted support to their students

Recommendations to future implementation point to the need of:

- Enlarging the number and duration of the lessons
- Reducing the number of students per class
- Ensure the presence of more than one teacher



Basic programming concepts



Computer system and computational thinking



Code.org activities



Learning tools



Tools exploration



Challenge



Project development

