



Coding4Girls

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European Training and Research Association for a Cooperation Key to business

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General Information

Programme: Erasmus+

Action: KA2 Strategic Partnership – School Education

Project coordinator: UNIVERZA V LJUBLJANI (Slovenia)

Start: 01/09/2018

Duration: 24 months

Code: 2018-1-SI01-KA201-047013

Target group: 10-16 years-old Students (Primary and Secondary

Schools)





Objectives

- Validating a learning framework for the design and implementation of a serious game.
- Encouraging students to design and code games.
- Developing contents to support educators in the integration of technological activities into teaching practice.

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Activities and results

The objectives will be achieved through 3 Intellectual Outputs:

IO1 - Methodological Learning Framework

IO2 - Promoting the Development of Programming Skills among Girls through Serious Games

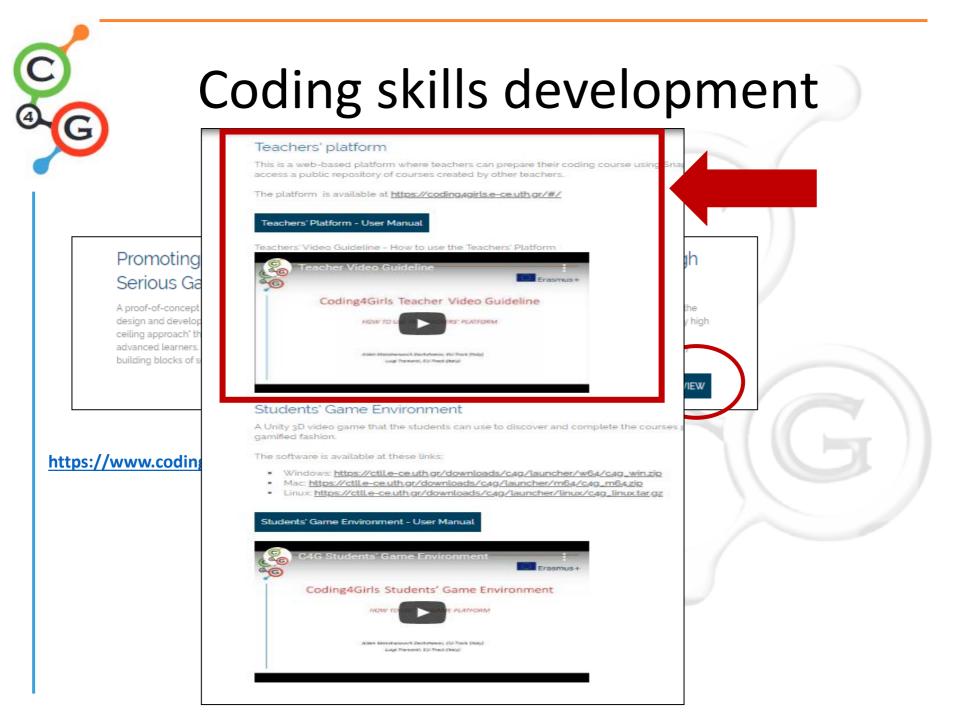
IO3 - Instructional Support Content

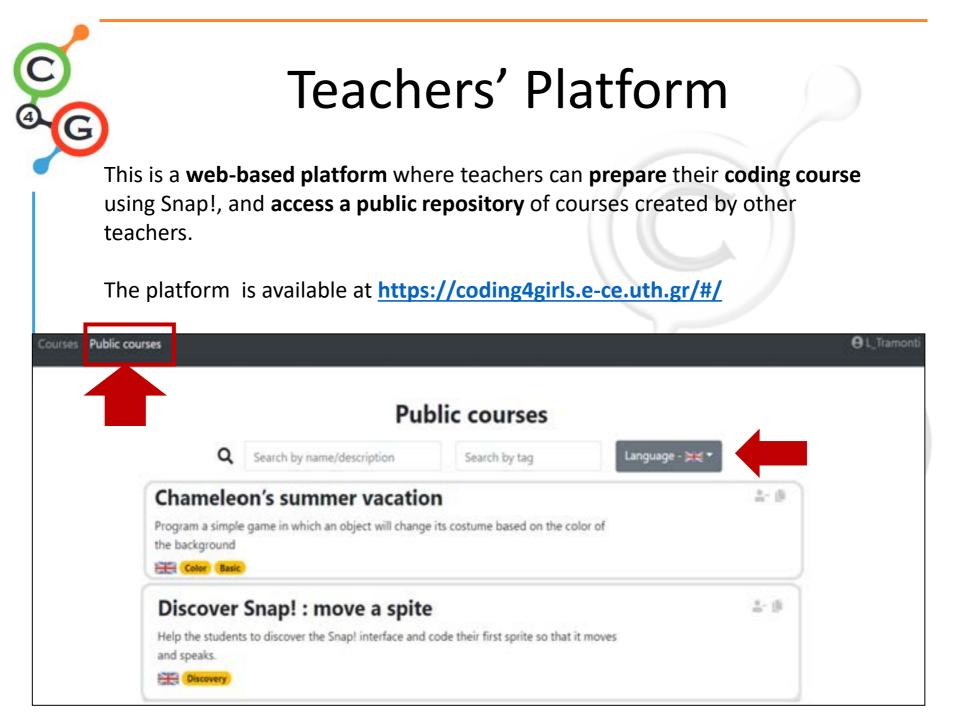


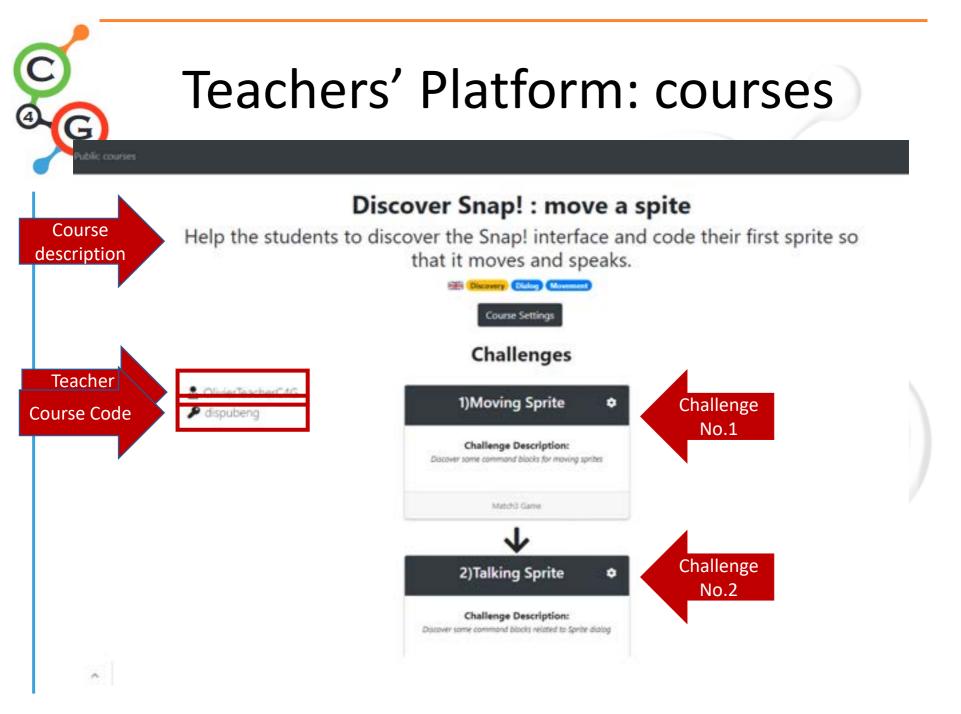
Coding skills development

https://www.coding4girls.eu/









Challenges

Mini Game

Match3 Game 🔻

Match3 Game Find your path Game Inventory Game Stepping Game

Sound Game

Snake Game

Puzzle Game

Pattern Matching Game

Stepping Game

Dice Game

Multiple Questions Game



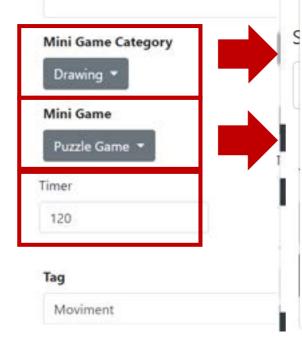


A

Changing Sprite's costumes



Let's the Sprite change the costume.



C		Ch	allenge	es	
G	Mini Game Puzzle Game Timer				
	120 Tag Moviment Moviment •				
	1 Instructions	2 Snap template	3 Snap solution	4 Show solution in game	•
Activities	2 Edit	Edit	Edit	•	•
	3 Edit	Edit	Edit		•
					0



Shap!	
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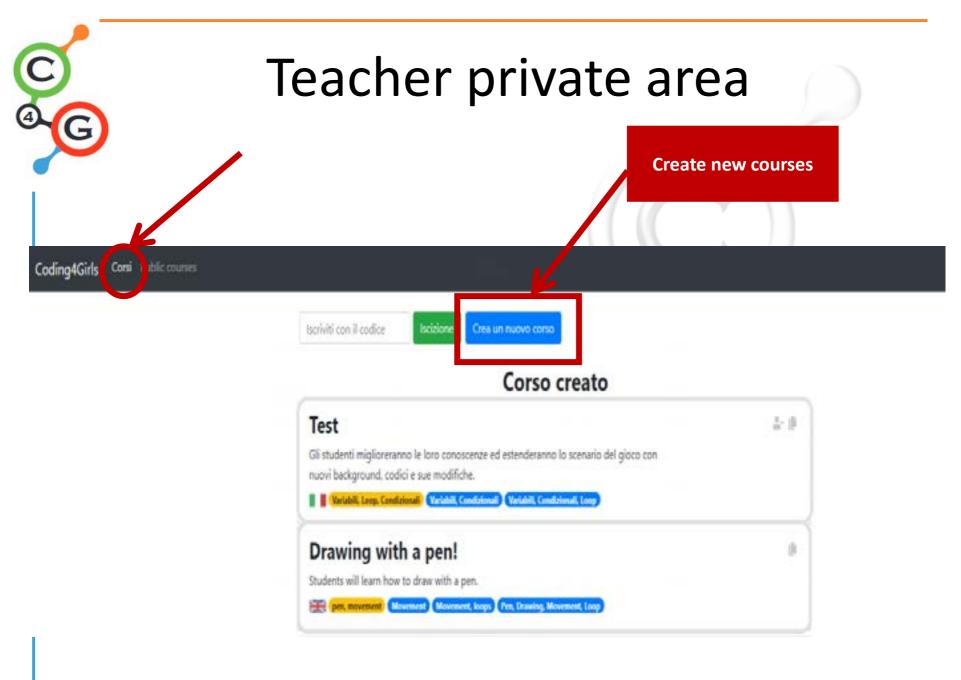


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Brainstorming canvas

Coding4Girls Coni Public courses		
G	jungi una nuova nota	
	The activity is carried out with three different shapes: a square, a nectangle and the letter T. The to choose other shapes and modify the program accordingly.	<text><text></text></text>



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Coding skills development

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Teachers' platform

This is a web-based platform where teachers can prepare their coding course using Snaj access a public repository of courses created by other teachers.

The platform is available at https://coding4girls.e-ce.uth.gr/#/

Promoting Serious Ga

A proof-of-concept design and develor ceiling approach the advanced learners building blocks of st



Students' Game Environment

A Unity 3D video game that the students can use to discover and complete the cours gamified fashion.

The software is available at these links:

- Windows: <u>https://ctlle-ce.uth.gr/downloads/c4g/launcher/w64/c4g_win.zip</u>
- Mac: <u>https://ctil.e-ce.uth.gr/downloads/c4g/launcher/m64/c4g_m64.zip</u>
- Linux <u>https://ctlle-ce.uth.gr/downloads/c4g/launcher/linux/c4g_linux.tar.g</u>

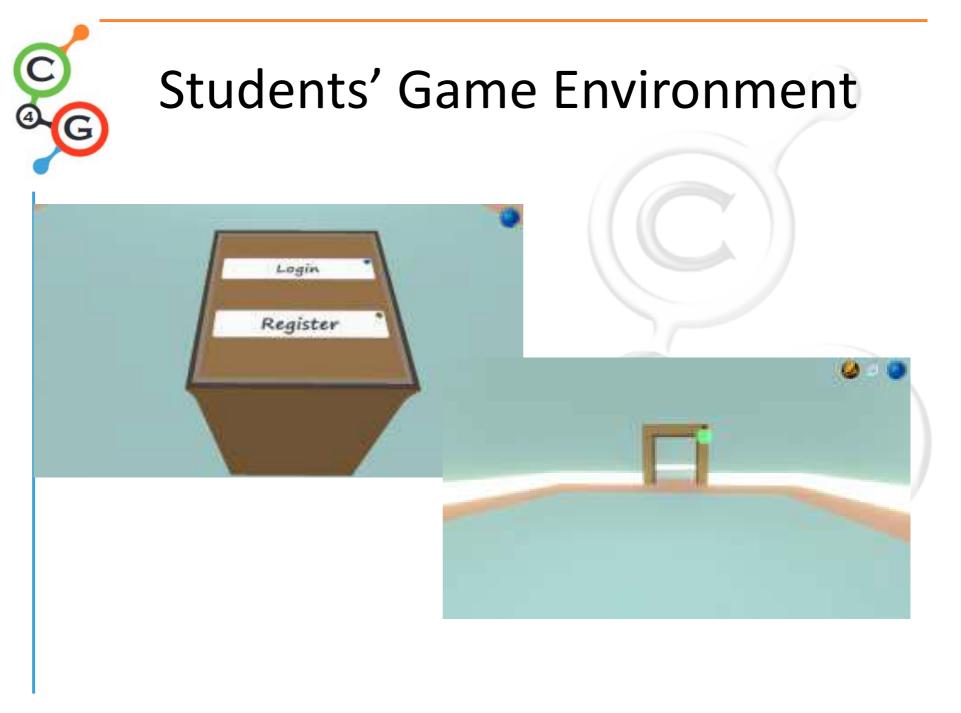
Students' Game Environment - User Manual



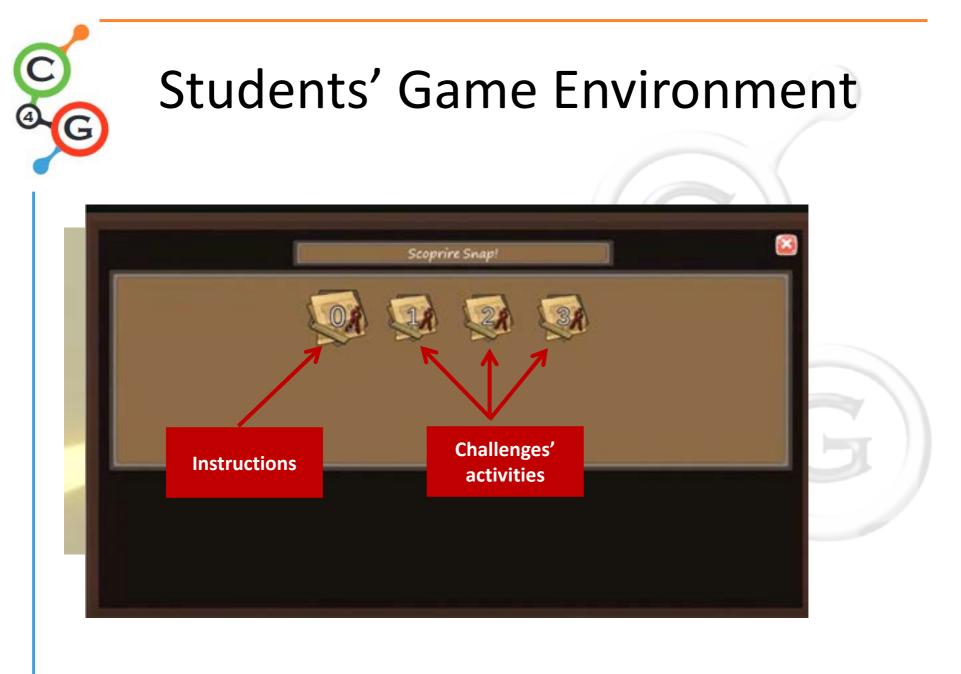
Students' Game Environment

🐇 C4G Patcher Windows

	C4G Game Configuration	on		×		
Patching process is	Graphics Input					G
	Screen Graphics qual Select monito]			
Documentation		Launch	Play!	Quit	What is new?	

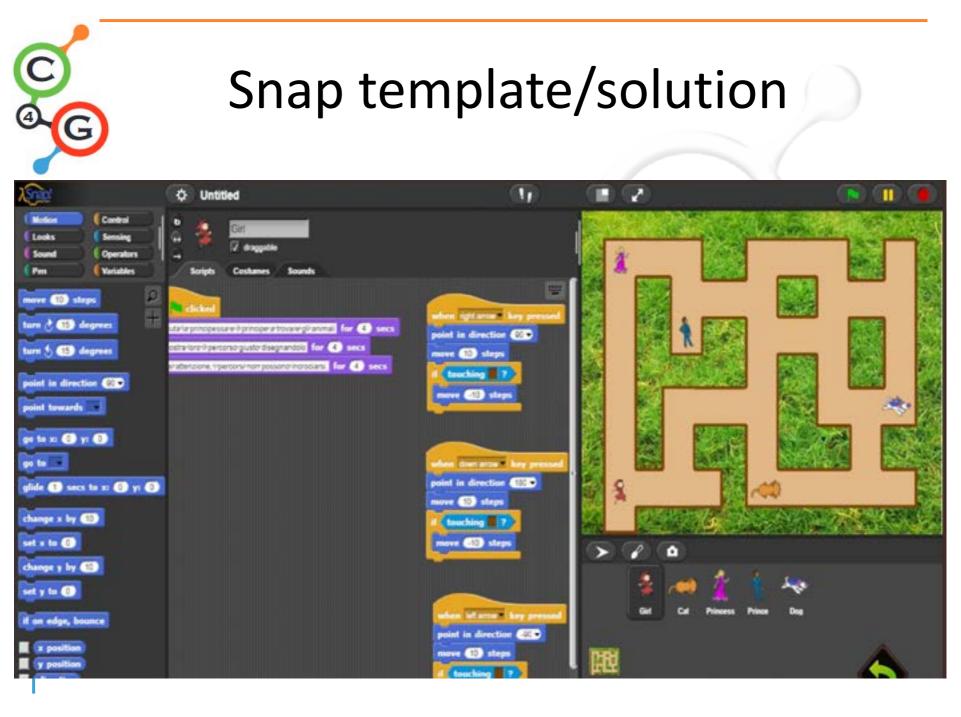








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Activities	1 Edit	Edit	Edit		•
	2 Edit	Edit	Edit		•
	3 Edit	Edit	Edit		•
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Testing phase

1. Please, compile the following application form:

https://forms.gle/n8cNwBa1W61MgzNUA

or

2. Write to m.tramonti@eu-track.eu

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