



#SuperCoders

Coding workshops for children
in
Europe and Africa

<http://supercoders.orange.com/>

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Orange participated to the code week 2015 with #SuperCoders in 9 Countries

- for children 10 to 13 years old, boys and girls,
- initiation to coding to create video animation/game on Scratch
- in 9 Orange countries, 4 in Europe (Spain, France, Poland and Romania) and 5 in Africa (Ivory Coast, Egypt, Mali, Senegal and Tunisia).
- with a common theme “Save the planet”
- with live exchanges via telepresence between children from the 9 different countries
- 1400 children participated to 60 workshops
- with the support of 400 Orange employees volunteers that were trained on the Scratch Platform to coach the children
- and with the support of associations : Simplon in Romania and France, Programamos in Spain and Akademii Małego Hakera (little hackers academy) in Poland

“Scratch” an open platform developed by the MIT

<https://scratch.mit.edu/>

The screenshot displays the Scratch web interface for a project titled "Pinguin Game (Radu & Ilinca)". The interface is divided into several sections:

- Stage:** Shows a penguin character on a yellow ground with various objects like a bottle, a can, and a newspaper. A score indicator shows "Score 0".
- Scripts Area:** Contains a sequence of code blocks:
 - When green flag clicked: "aller à x: 28 y: -10", "aller à pointeur de souris", "glisser en 1 secondes à x: 28", "ajouter 10 à x", "donner la valeur 0 à x", "ajouter 10 à y".
 - When arrow key pressed (down): "ajouter -10 à y".
 - When arrow key pressed (right): "ajouter 10 à x".
 - When arrow key pressed (up): "ajouter 10 à y".
 - When back layer flipped to ocean: "répéter 12 fois" block containing:
 - "costume suivant" (twice)
 - "ajouter -50 à y"
 - "costume suivant"
 - "tourner de 90 degrés"
- Costumes Area:** Lists costumes: "pingouin-1", "papier_low", "journal_low", "bocal_low", "bocal2_low".
- Code Editor:** Shows a script for a "quand arrière-plan bascule sur ocean" event:
 - "répéter 12 fois" block containing:
 - "costume suivant" (twice)
 - "ajouter -50 à y"
 - "costume suivant"
 - "tourner de 90 degrés"
 - "quand flèche droite est pressé" block: "ajouter 10 à x".
 - "quand flèche haut est pressé" block: "ajouter 10 à y".
 - "quand presse" block:
 - "aller à x: 28 y: 40"
 - "s'orienter vers" (down)
 - "basculer sur l'arrière-plan banque-01"
 - "dire The pinguin game pendant 2 secondes"
 - "mettre Score à 0"
 - "répéter indéfiniment" block:
 - "si Score = 35 alors" block:
 - "dire finish"
 - "arrêter tous les sons"
 - "jouer du tambour 2 pendant 0,25 temps"
 - "jouer le son recording1"
 - "jouer la note 60 pendant 0,5 temps"
 - "jouer la note 57 pendant 0,5 temps"
 - "mettre le tempo à 60 bpm"
 - "jouer le son recording1 jusqu'au bout"

a positive experience of the internet for children & parents



#SuperCodeurs

- develop digital literacy and build confidence in the digital world
- show that digital technology is (also) a source of creativity
- develop mutual support and collaboration
- offer opportunity for children to participate in society

Code for COP21 challenge to encourage kids participation in fight against climate change



#SuperCodeurs

- open to boys and girls from all ages
- to create games and animations on Scratch to raise awareness environmental issues
- from Oct 17 till Nov 26 2015
- 47 projects shared by children from France, Spain, Poland, Romania, Egypt and Mali,
- the most accomplished projects were presented at a side event of the COP 21 international conference in Paris
- <https://www.youtube.com/watch?v=z0RUPuYoM3M#action=share>

trash arkanoid

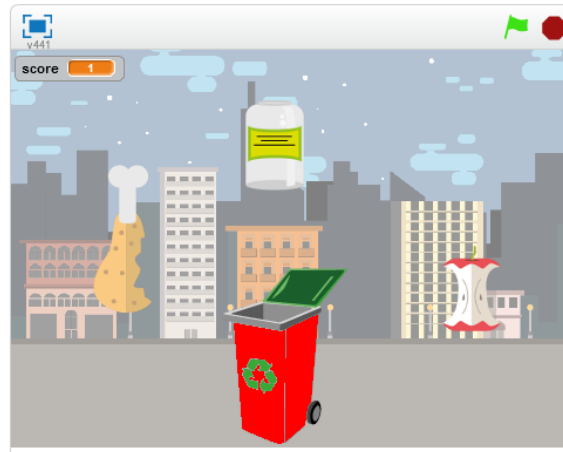
par Juegoxperto999



An game to delete trash and save the icebergs (Spain)

sortuj

a remixé par animatorPL007



A game with camera to raise awareness on sorting wastes (Romania)

beautiful city

par fragab



A game to maintain the city clean and green (Egypt)

PlaneteQuizz

par Aodren



A quiz to learn good practices to save our planet (France)

Reduce Recycle and Reuse Game

par luismitech



A game to raise awareness on reducing, recycling and reusing wastes (Spain)

orange_scratch_AFM

par AngelaFM



A game for collecting and sorting wastes in the proper containers (Spain)



Four thousand years ago, the Egyptians were building Pyramids. Today we eye them with admiration and are amazed by the skill of this ancient people.



Panda » by Briana Sandru (9) Roumania





Thank you

<http://supercoders.orange.com/>

