



*Science, Technology, Engineering and Mathematics*

# Eines educativas







## Iniciatives per a escoles – A partir d'infantil

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### Young IT Girls



### First Lego League Discover



### Enginy-Era



### STEM Women Congress Dashborad



## Iniciatives per a escoles – A partir de primària

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### HP Code Wars



TECH SCAPE ROOM

### Inspira



 **Deusto**  
Universidad de Deusto

### 100tífiques



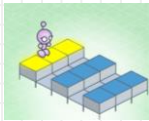
### Technovation



## Recursos adicionales programación

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- <https://www.xataka.com/especiales/que-lenguaje-herramientas-programacion-deberian-ensenarse-a-ninos-su-edad>
- Robot educatiu: <https://meetedison.com/>
- Scratch : <https://scratch.mit.edu/>
- Hour of code: <https://hourofcode.com/es/learn>



**Light Bot**  
Principiants

<https://lightbot.com/index.html>



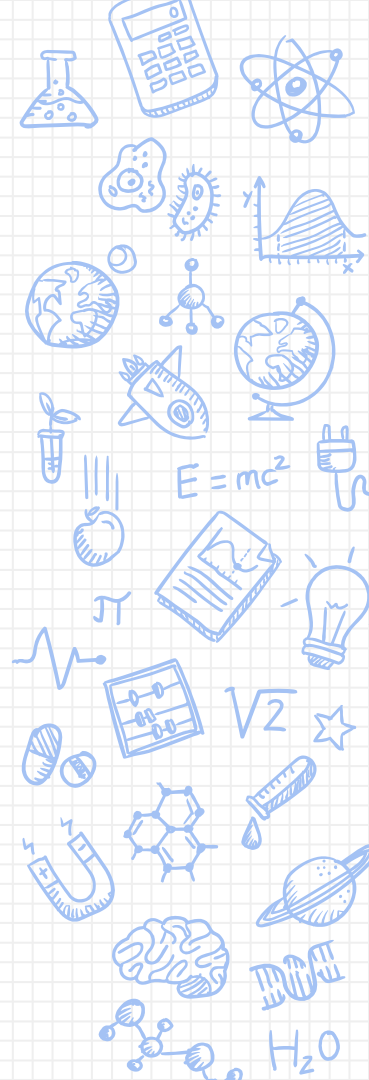
**Minecraft / Roblox**  
Amb experiència

<https://studio.code.org/s/mc/stage/1/puzzle/1>



**Dance Party**  
Avançats

<https://code.org/dance>





## Bibliografía

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- Informe TIMSS (*Trends in International Mathematics and Science Study*)
- L. Bian, S. J. Leslie y A. Cimpian, “Gender stereotypes about intellectual ability emerge early and influence children’s interests”, *Science*, vol. 355, n° 6323, pp. 389-391, 2017, <https://science.sciencemag.org/content/355/6323/389>
- PISA Programa para la evaluación internacional de los alumnos, OCDE: PISA 2016, centrado en Ciencias; The ABC of Gender Equality in Education (2015); Teaching Strategies for Instructional Quality (2016)
- Why Europe’s girls aren’t studying STEM. Microsoft, Report 2017
- <https://www.lavanguardia.com/ciencia/20190428/461897463477/neurosexismo-diferencia-cerebro-hombres-mujeres.html>