



Google華人講師培訓中心

[www.gtrainers.org](http://www.gtrainers.org)

# 當Coding 程式教育 遇上

# Google





訓練邏輯思維

為什麼學程式設計？

~~程式工程師？~~



明白雲端服務



了解物聯網裝置



# 當程式設計遇上Google

Google Blockly

Google CS First

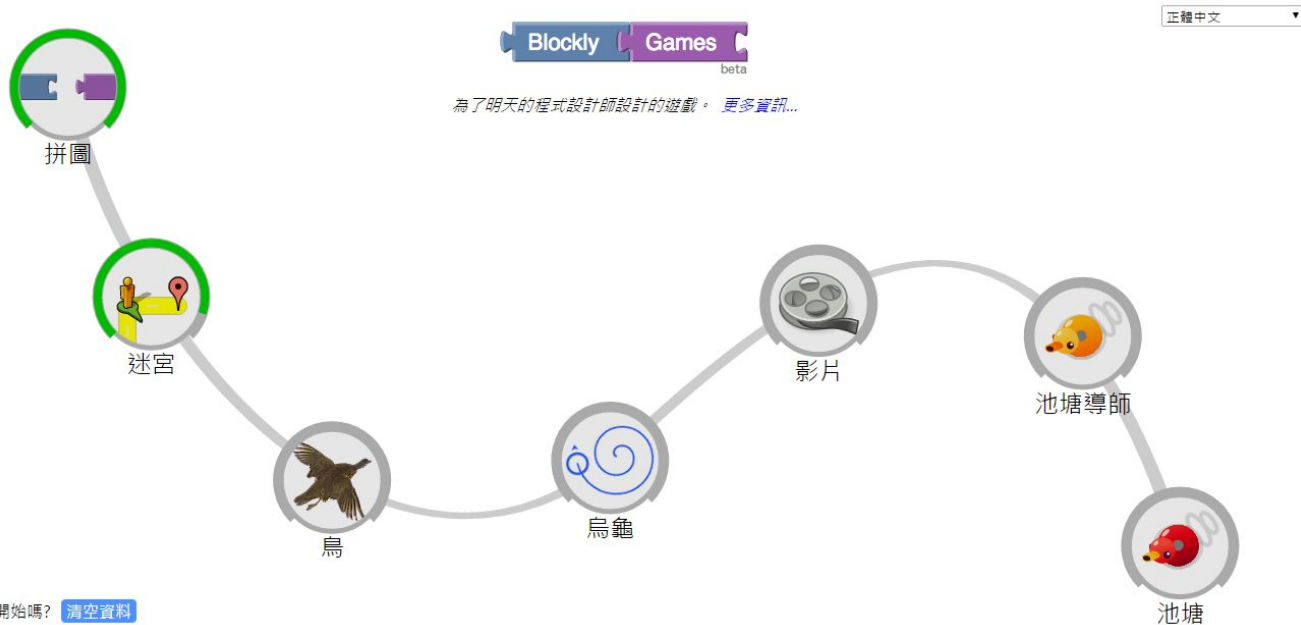
Google Bloks

Coding with Chrome

Computational Thinking



## 學習,從遊戲開始....

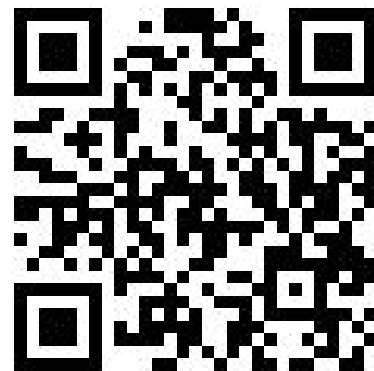




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## Google CS First



<https://www.cs-first.com/en/home>

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## Google CS First - 目標

### Our Goals



Increase **confidence**  
when using computers



Instill **courage**  
to try new things



Grow **perseverance**  
when tackling difficult problems



Provide a **sense of belonging**  
in technology for underrepresented students



Demonstrate the **impact**  
that CS has in careers and communities

# 甚麼是Sphero Sprk+





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# 當Google Chromebook 碰上Sphero Sprk+ - **現場展示**



<https://goo.gl/AoUNzo>

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# 更多使用Google Blockly的Robots



BB-8



Airborne Cargo



Hydrofoil



Jumping Race



Dash



Aduino Bean



Jumping Night



Sphere



Philips Hue

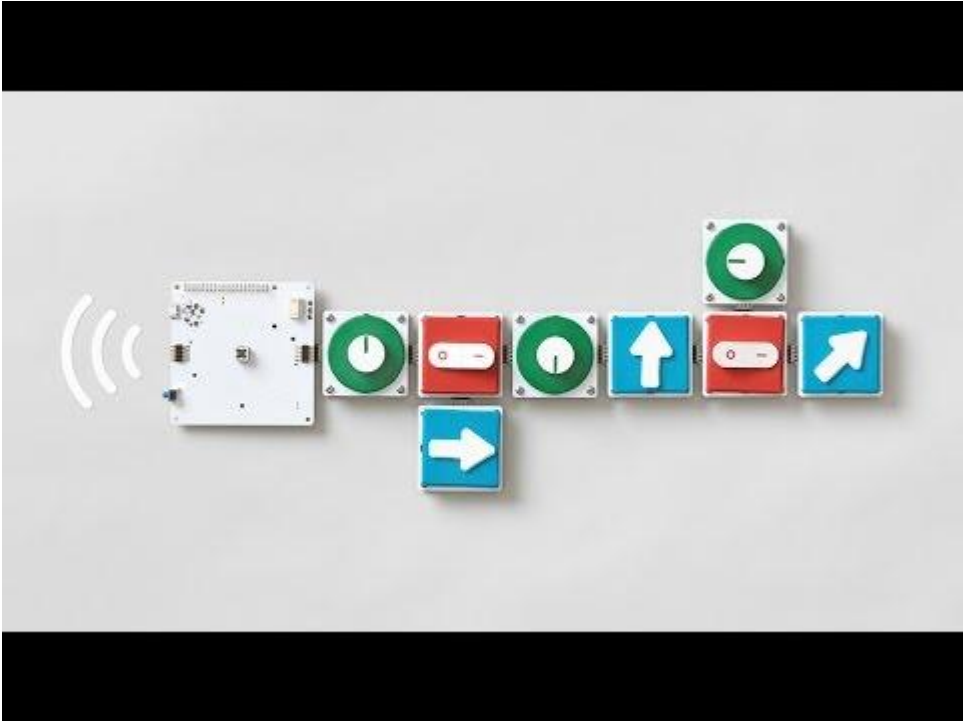


Ollie

Tickle App: iOS



## Google Bloks



## OSMO - Education Award Winner...from Google??



# 現場展示

Introducing  
**Coding**

**Osmo**

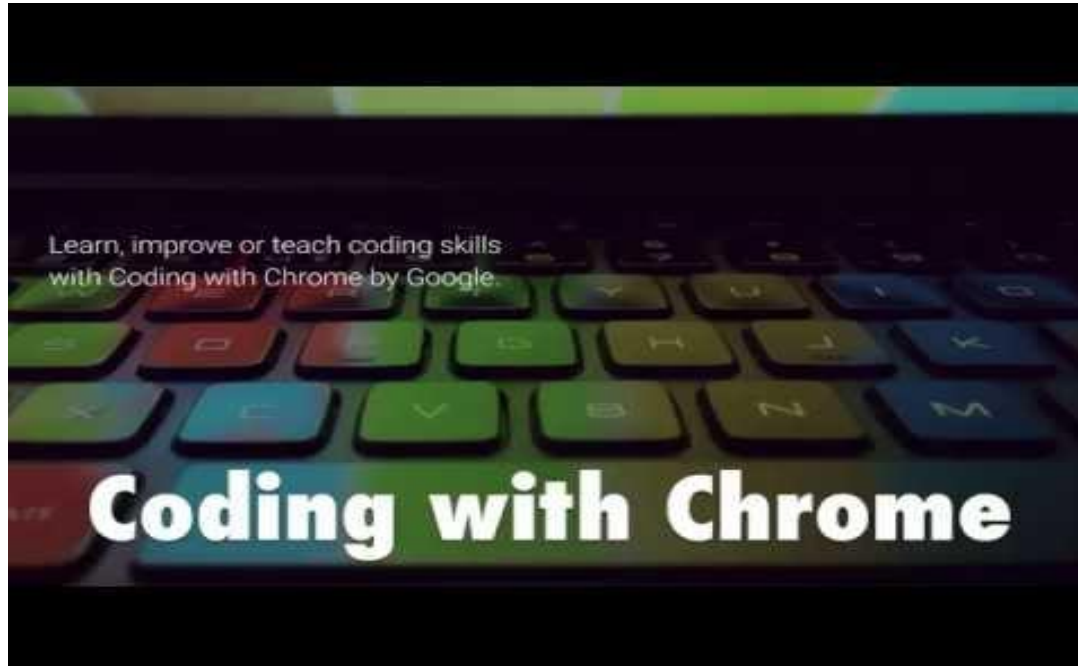




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# Coding with Chrome



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# Coding with Chrome



<https://goo.gl/tmf2v>

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## Computational Thinking





# Google華人講師培訓中心

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提供一系列的教學工具如 Chromebook, 工具管理之 Management Console, 程式工具如 OSMO, iQube, Sphero, Dash & Dot等



Education  
Solutions Centre



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# 問與答



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A horizontal bar with four colored segments (blue, red, yellow, green) is positioned below the logo. The logo itself is a white rectangular box with a thin grey border containing the text 'Google for Education' in a small font and 'Partner' in a larger font below it.