

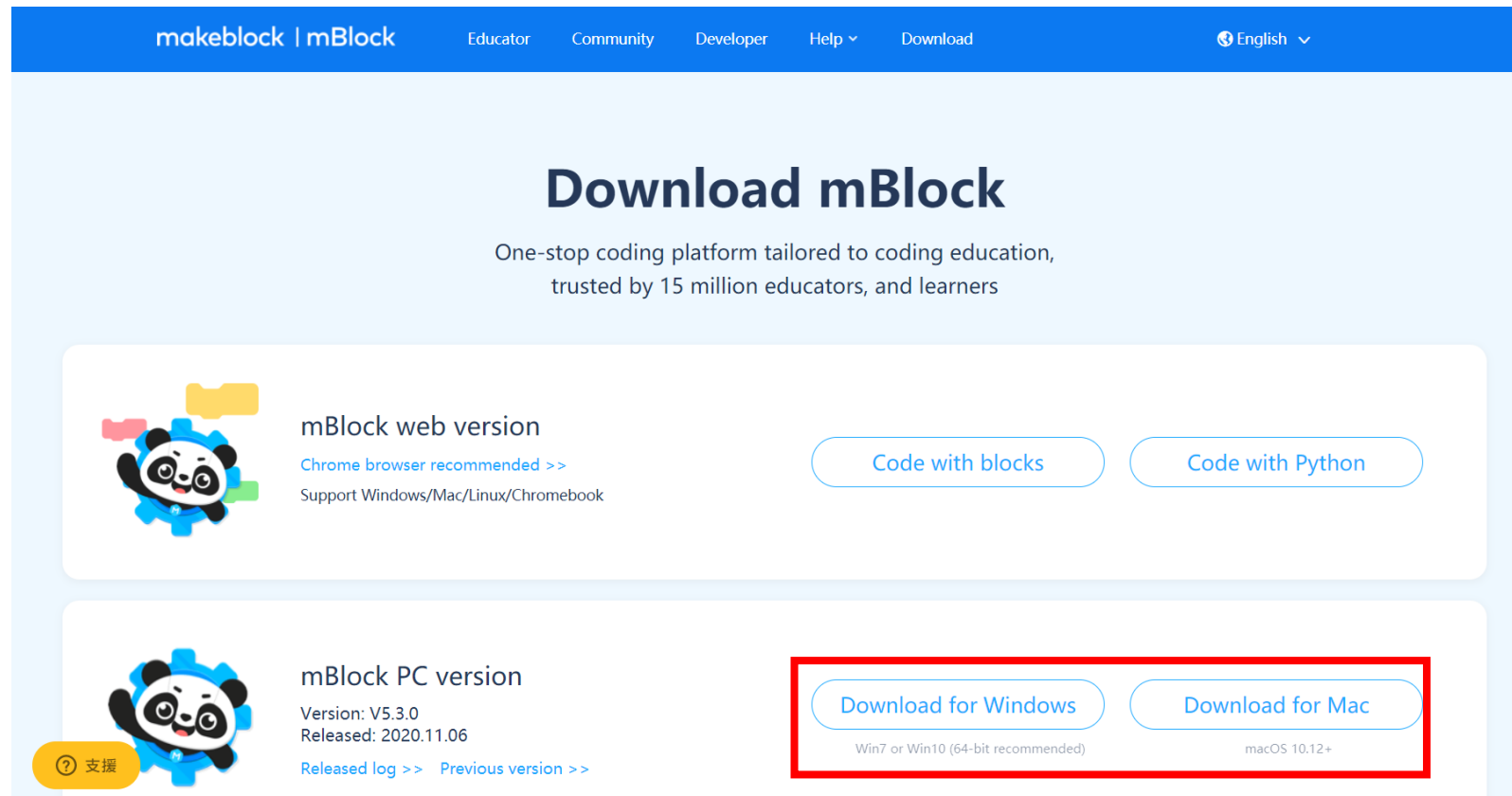
mBlock 5 環境建構

for Matrix Mini

安裝mBlock 5

Download the installation file

<https://mblock.makeblock.com/en-us/download/>




The screenshot shows the 'Download mBlock' page on the Makeblock website. The page has a blue header with navigation links: 'makeblock | mBlock', 'Educator', 'Community', 'Developer', 'Help', 'Download', and 'English'. The main heading is 'Download mBlock', followed by the text 'One-stop coding platform tailored to coding education, trusted by 15 million educators, and learners'. There are two main sections: 'mBlock web version' and 'mBlock PC version'. The 'mBlock web version' section includes a panda logo, the text 'mBlock web version', 'Chrome browser recommended >>', and 'Support Windows/Mac/Linux/Chromebook'. It has two buttons: 'Code with blocks' and 'Code with Python'. The 'mBlock PC version' section includes a panda logo, the text 'mBlock PC version', 'Version: V5.3.0', 'Released: 2020.11.06', and 'Released log >> Previous version >>'. It has two buttons: 'Download for Windows' and 'Download for Mac'. The 'Download for Windows' button is highlighted with a red border. Below the 'Download for Windows' button, it says 'Win7 or Win10 (64-bit recommended)'. Below the 'Download for Mac' button, it says 'macOS 10.12+'. There is also a yellow support icon with the text '支援' (Support) next to the panda logo in the PC version section.


makeblock | mBlock Educator Community Developer Help Download English

Download mBlock

One-stop coding platform tailored to coding education, trusted by 15 million educators, and learners

 mBlock web version
Chrome browser recommended >>
Support Windows/Mac/Linux/Chromebook

Code with blocks Code with Python

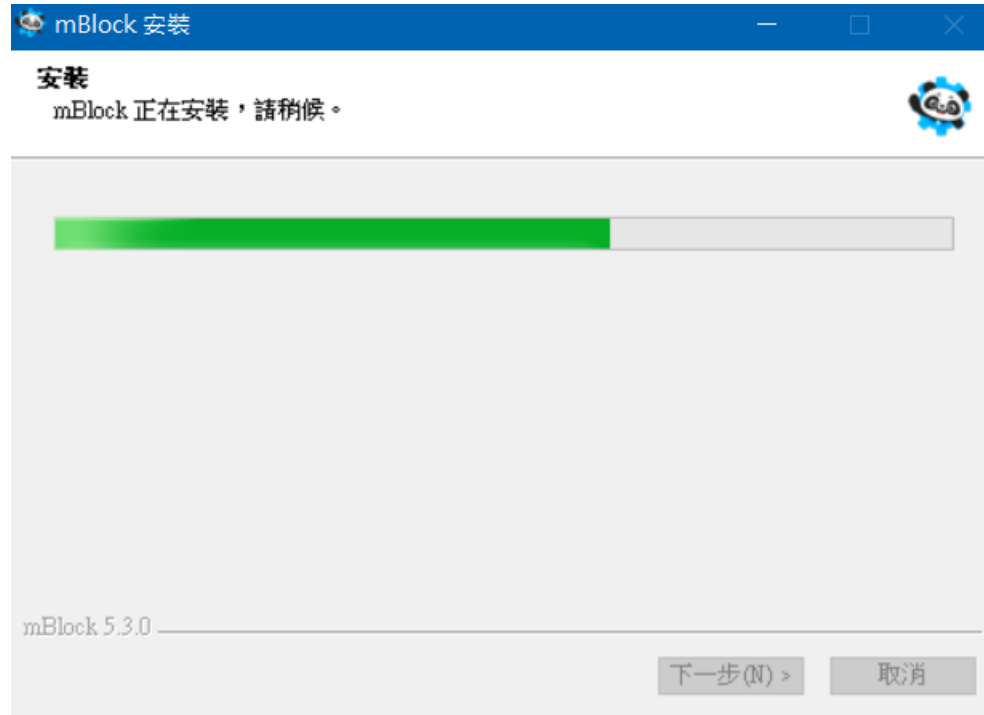
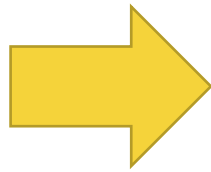
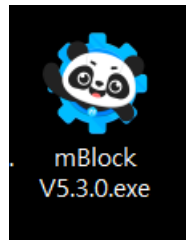
 mBlock PC version
Version: V5.3.0
Released: 2020.11.06
Released log >> Previous version >>

Download for Windows Download for Mac

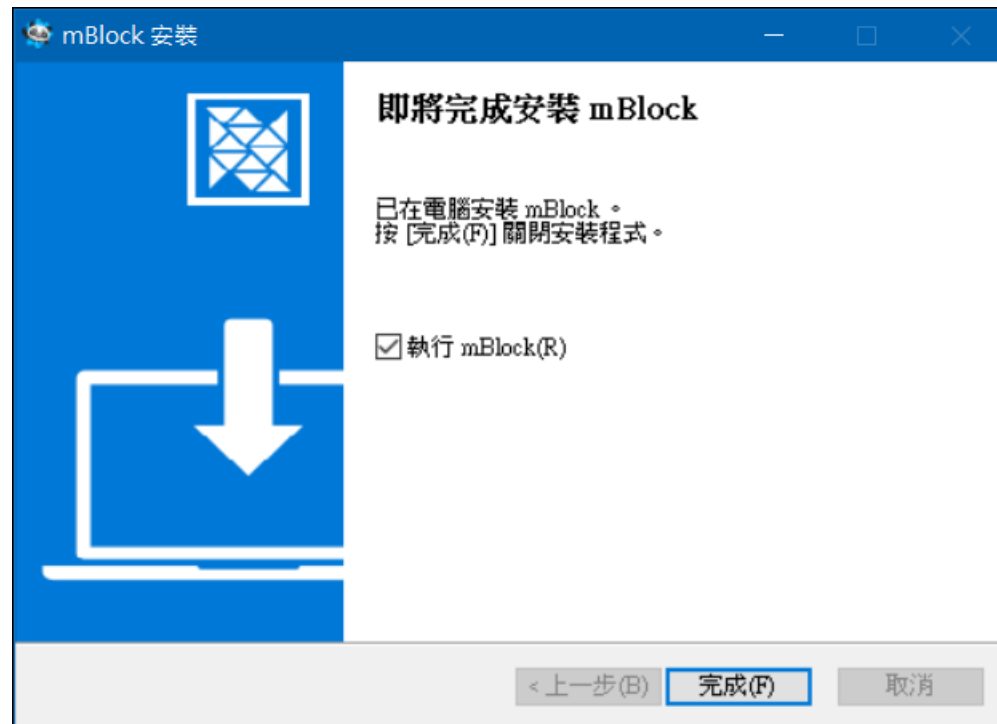
Win7 or Win10 (64-bit recommended) macOS 10.12+

支援

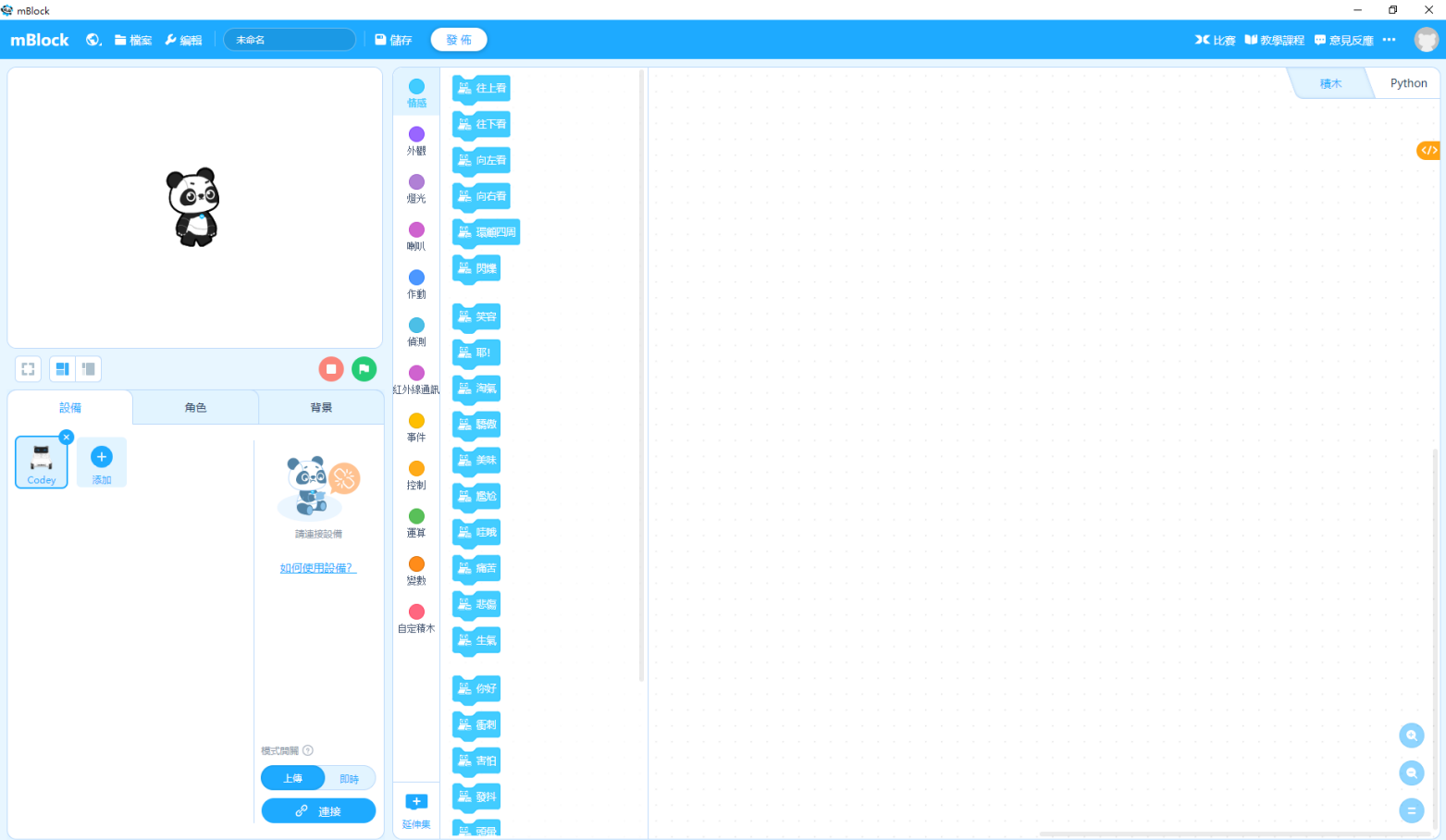
Open the installation file



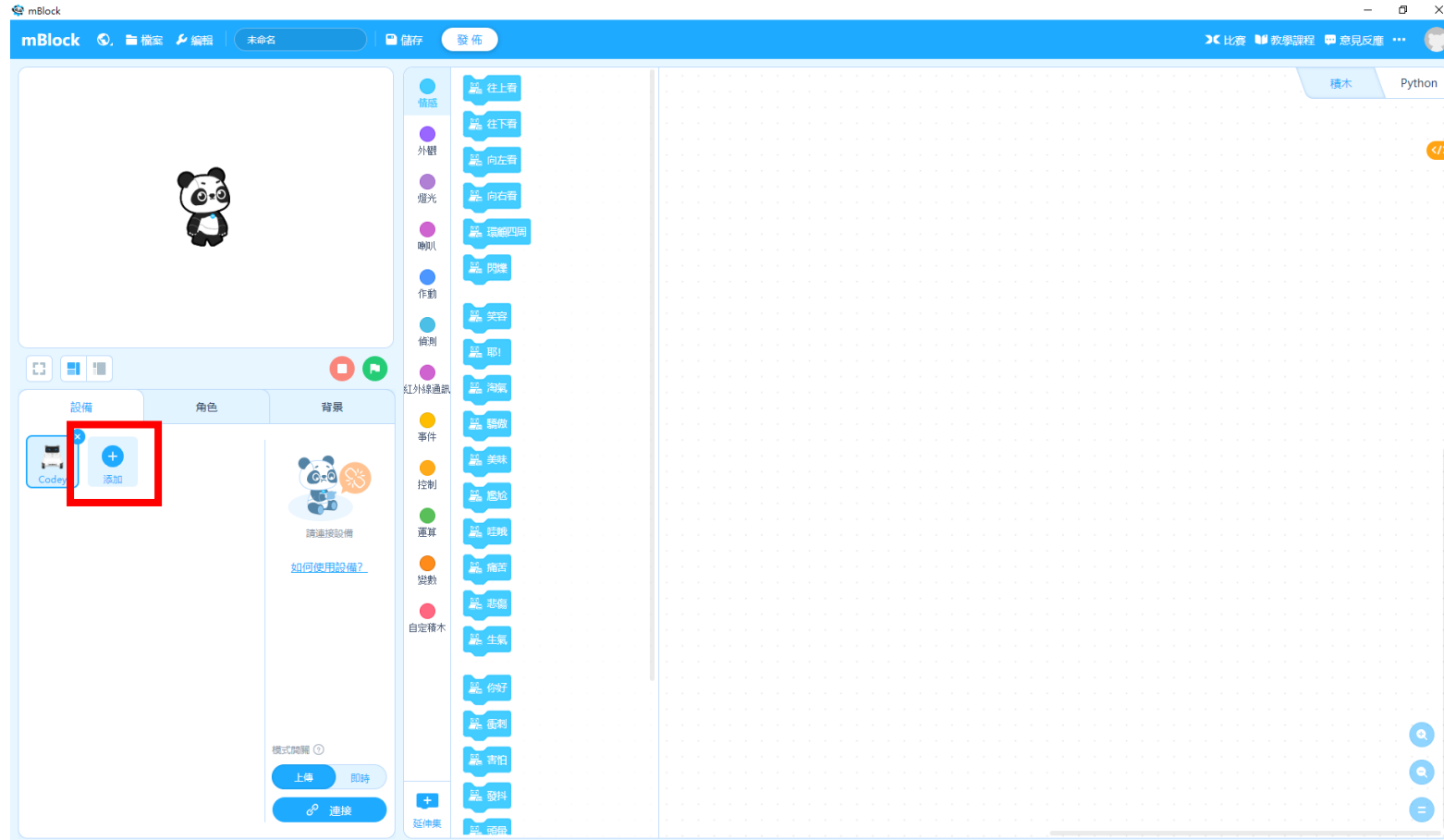
Finish installing



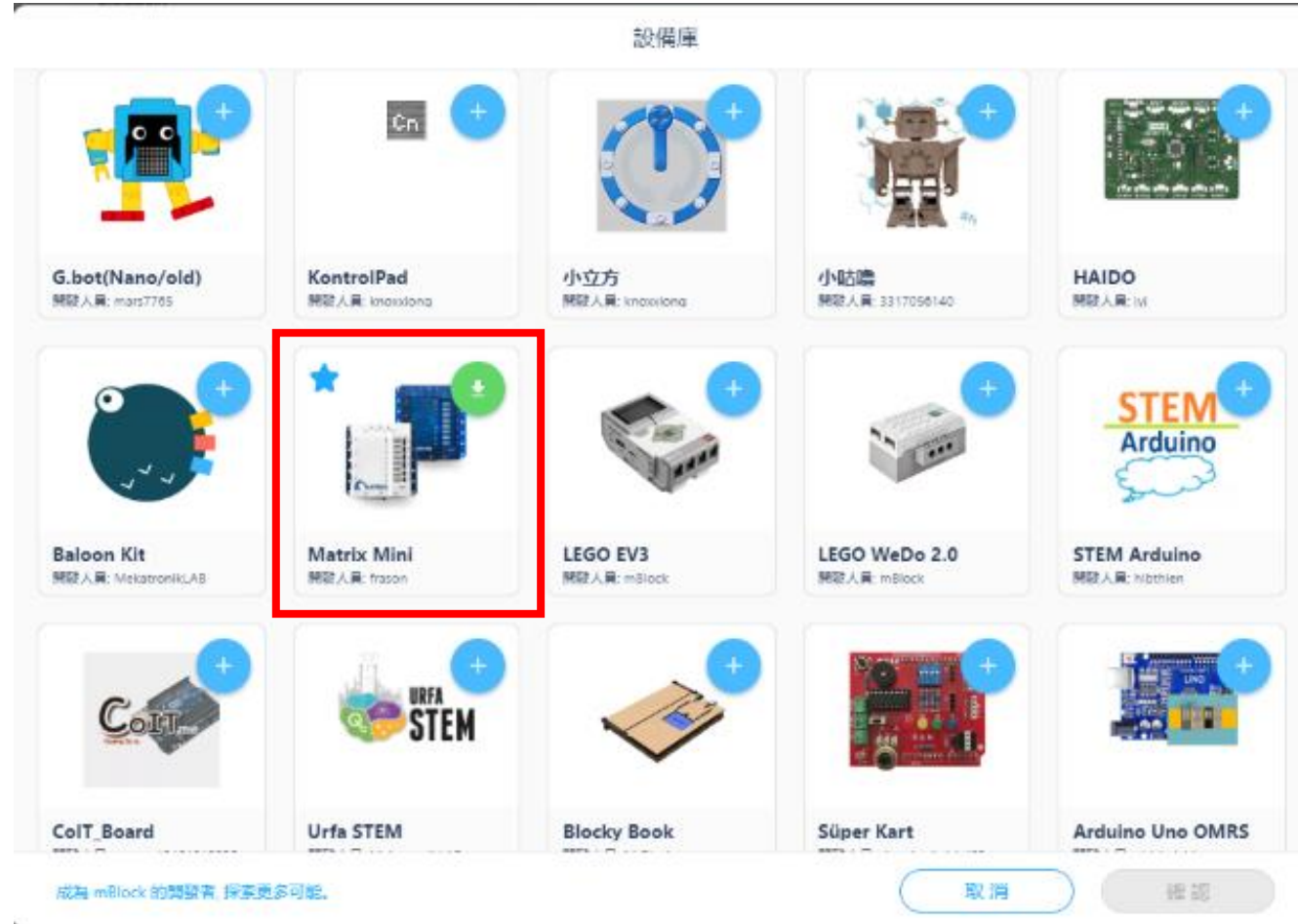
Activate mBlock5



Click on “Add Device”



Scroll down to locate the Matrix Mini device



Mini program blocks can be used immediately after download

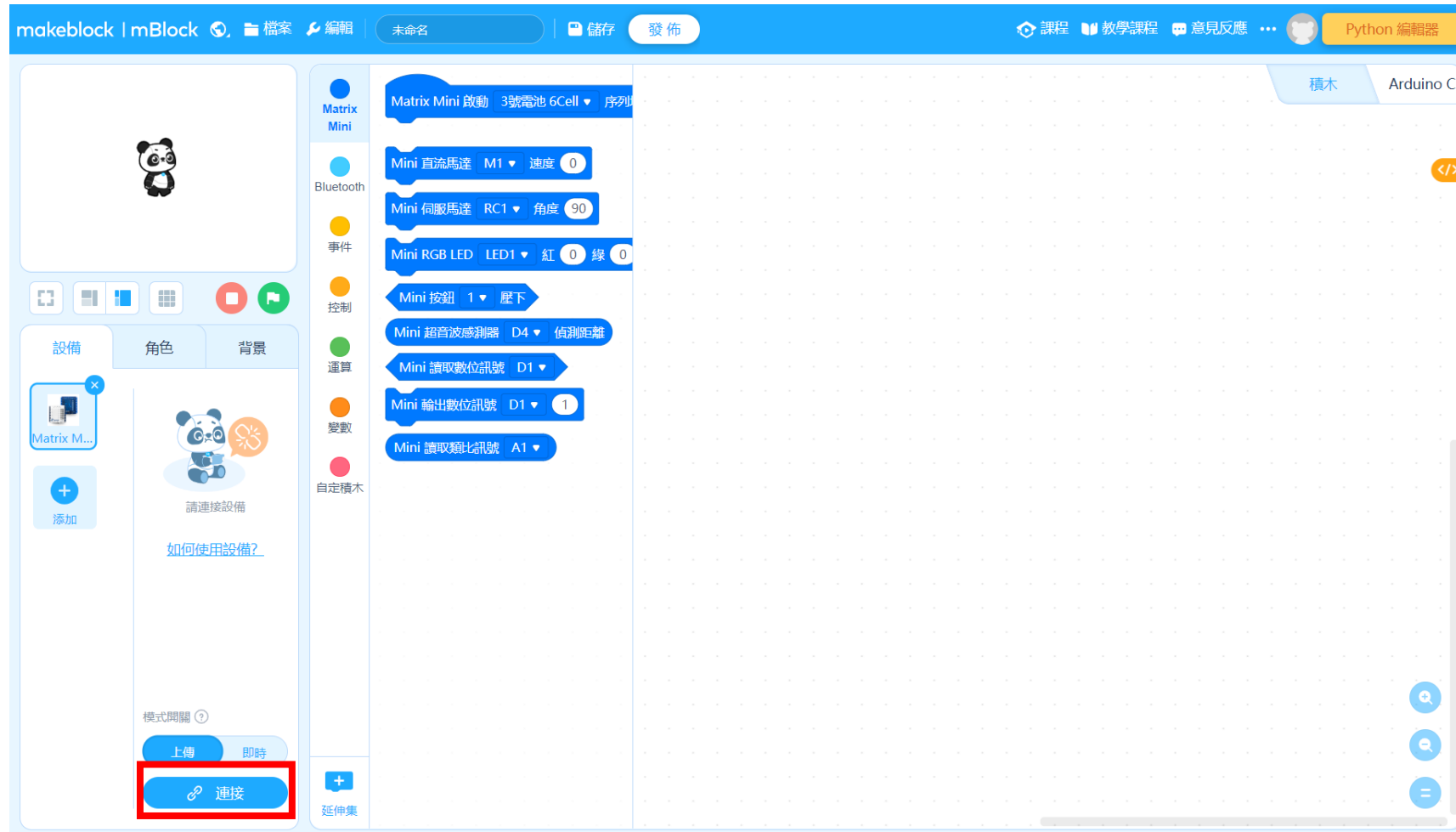
The screenshot displays the mBlock software interface. The top navigation bar includes the text 'makeblock | mBlock', icons for '檔案' (Files), '編輯' (Edit), '未命名' (Untitled), '儲存' (Save), and '發佈' (Publish). On the right side of the bar, there are links for '課程' (Courses), '教學課程' (Tutorials), '意見反應' (Feedback), and a 'Python 編輯器' (Python Editor) button.

The main workspace is divided into several sections:

- Left Panel:** Contains a '設備' (Devices) section with a 'Matrix M...' icon and a '請連接設備' (Please connect device) prompt. Below it are '角色' (Character) and '背景' (Background) tabs, and a '模式開關' (Mode Switch) section with '上傳' (Upload) and '即時' (Live) buttons.
- Block Palette:** A vertical list of categories: Matrix Mini, Bluetooth, 事件 (Events), 控制 (Control), 運算 (Math), 變數 (Variables), and 自定積木 (Custom Blocks).
- Block List:** A vertical stack of Mini program blocks:
 - Matrix Mini 啟動 3號電池 6Cell 序列
 - Mini 直流馬達 M1 速度 0
 - Mini 伺服馬達 RC1 角度 90
 - Mini RGB LED LED1 紅 0 綠 0
 - Mini 按鈕 1 壓下
 - Mini 超音波感測器 D4 偵測距離
 - Mini 讀取數位訊號 D1
 - Mini 輸出數位訊號 D1 1
 - Mini 讀取類比訊號 A1
- Main Canvas:** A large grid area for assembling the blocks. The top right corner shows '積木' (Blocks) and 'Arduino C' tabs. A '</>' icon is visible on the right side.

上傳程式碼

Click on “Connect”



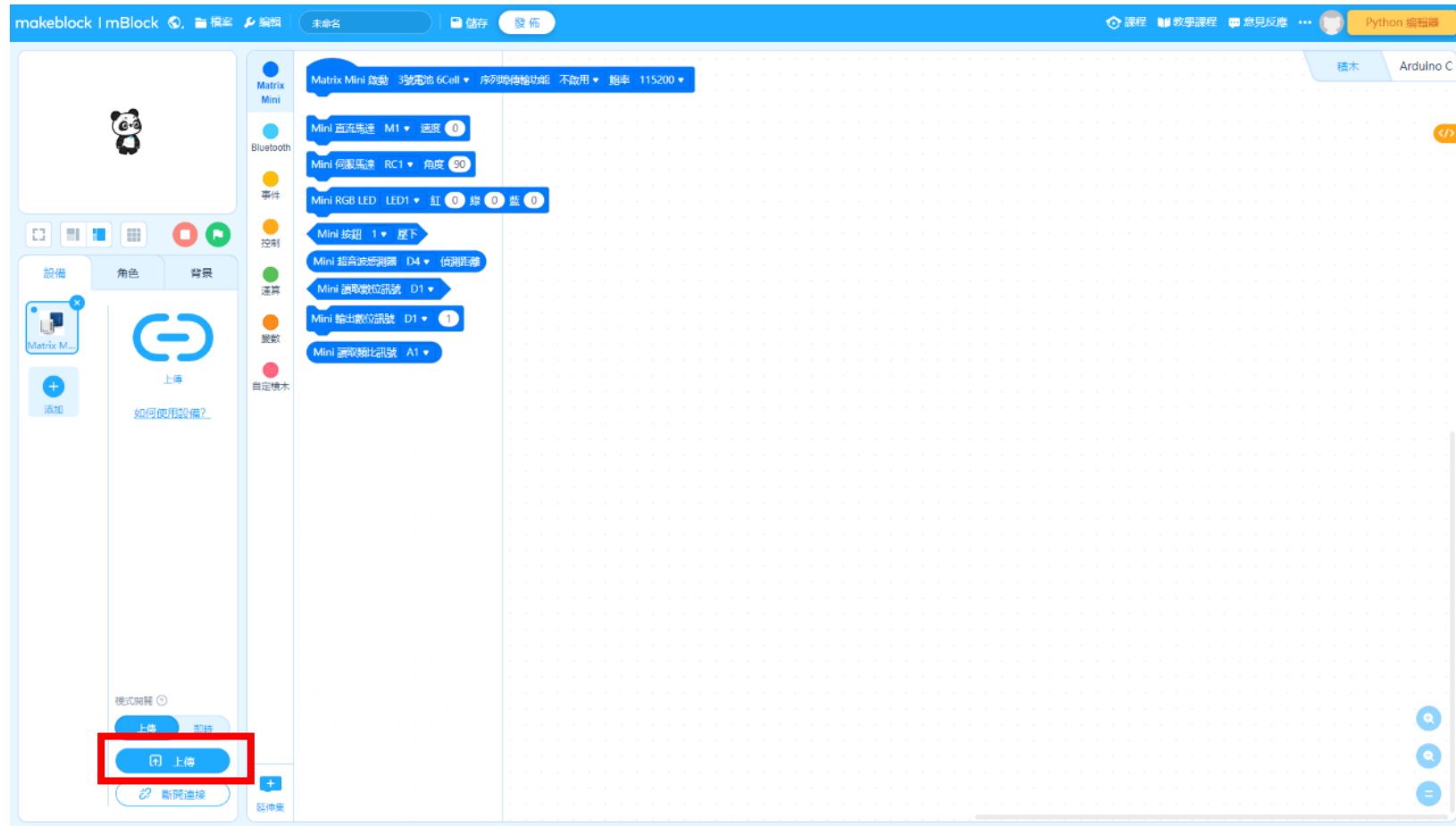
Check the box for “Show all connectable devices”



Select the connected Mini controller



Click upload



Once the upload is complete, this window will automatically close on its own



聯絡我們



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