

幫助低年級學生學習英文詞語



我們發現……

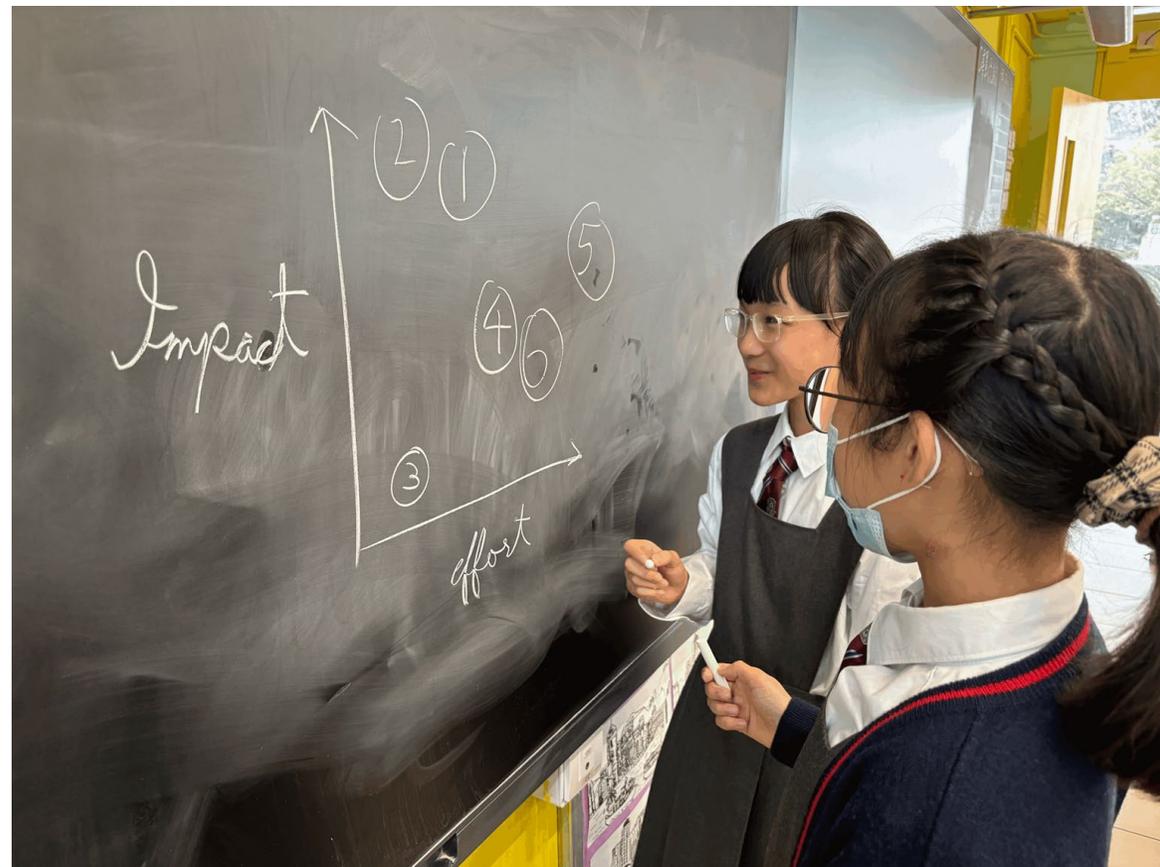
一些兒童有讀寫障礙或者記憶力不好。

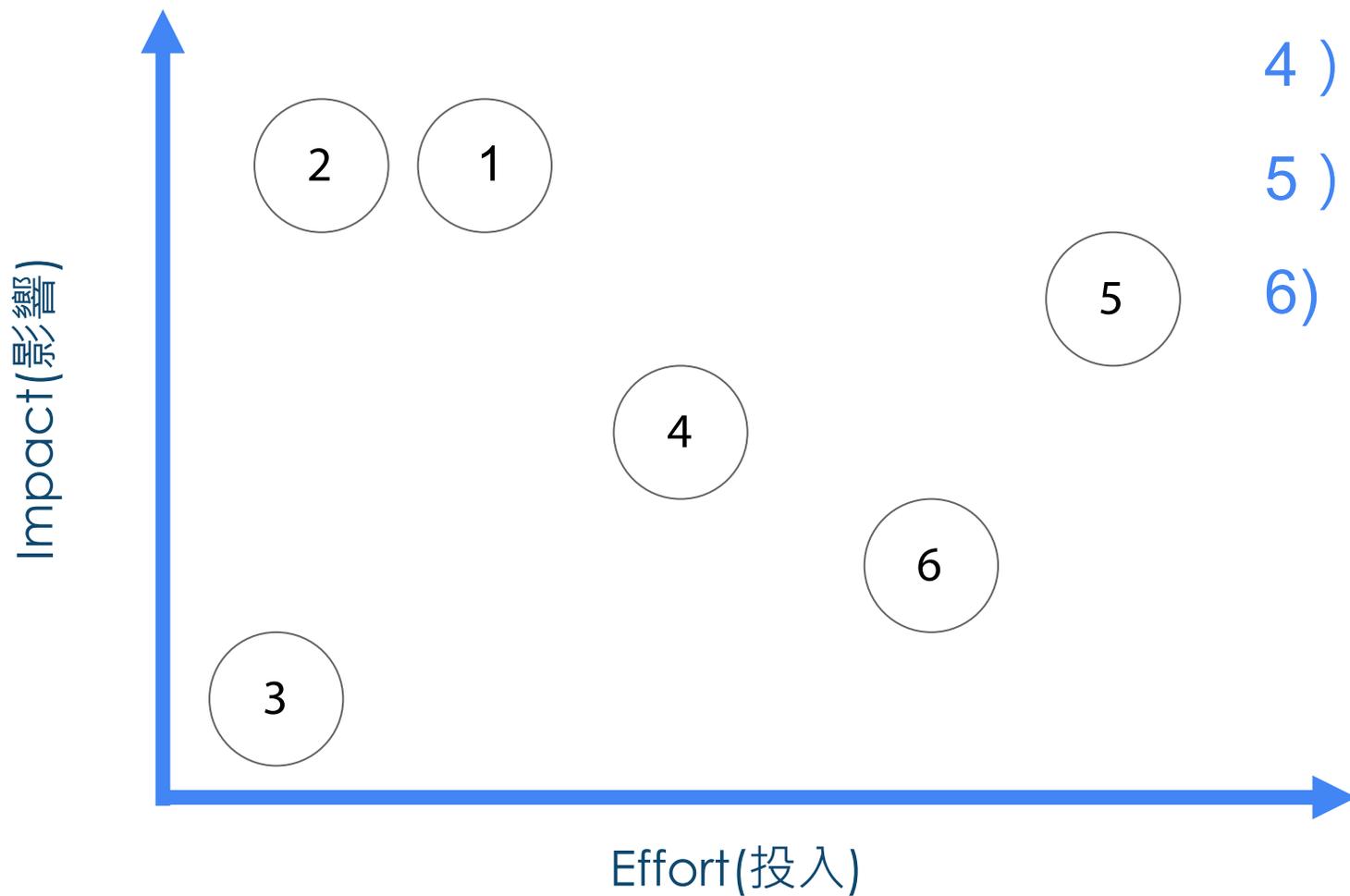
他們可能需要特別的幫助，才能辨識那一個英文字是什麼。



AI 可以？

- 1) 幫助老人痴呆患者認辨親人
- 2) 幫助低年級學習英文詞語
- 3) 幫助商人辨認客人有否帶口罩
- 4) 幫助患有認知障礙症的客人辨認貨物
- 5) 幫助手語人士與他人溝通
- 6) 教嬰兒說話
- 7) ...





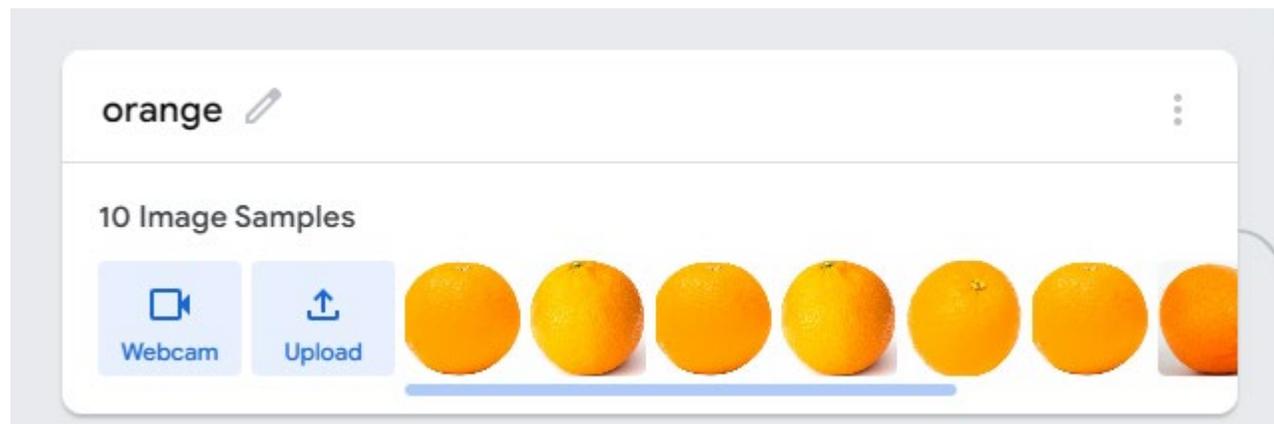
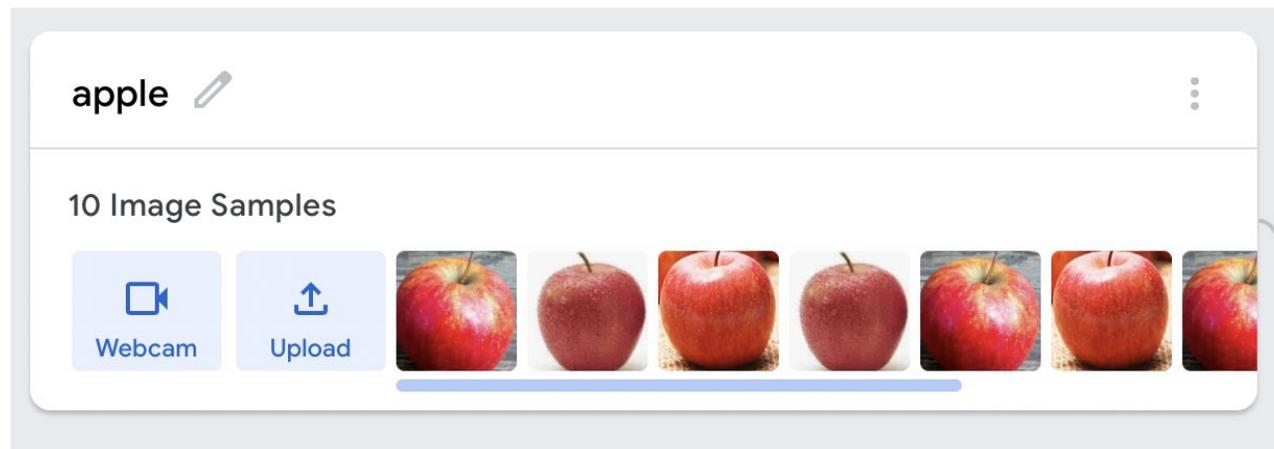
- 1) 幫助老人痴呆患者認辨親人
- 2) 幫助低年級學習英文詞語
- 3) 幫助商人辨認客人有否帶口罩
- 4) 幫助有認知障礙症的人辨認貨物
- 5) 幫助手語人士與他人溝通
- 6) 教嬰兒說話

輸入相關水果的分類

進入Teachable Machine,按開始使用

會出現三個選項，選擇第一個

進入後，將Class1改爲apple

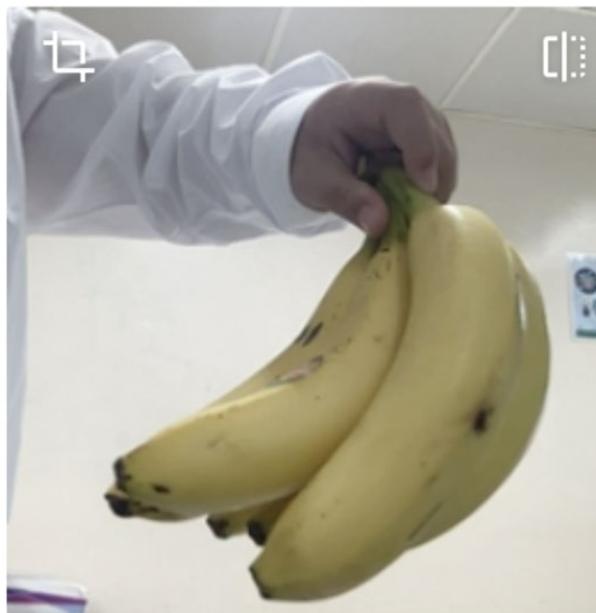


上載圖片方式

完成輸入apple後按拍攝按鈕

點擊Hold to Record拍攝相片

也可點擊右上角的按鈕上載圖片



Output

Apple



orange



banana



Output

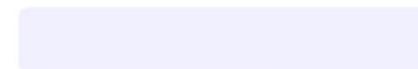
Apple



orange



banana



傳送至AI 人工智能

1. 傳送至人工智能

1. AI人工智能開始運作

1. AI人工智能成功辨識

Export your model to use it in projects. ✕

Tensorflow.js ⓘ Tensorflow ⓘ Tensorflow Lite ⓘ

Export your model:

Upload (shareable link) Download

Your shareable link:

When you upload your model, Teachable Machine hosts it at this link. (FAQ: [Who can use my model?](#))

Code snippets to use your model:

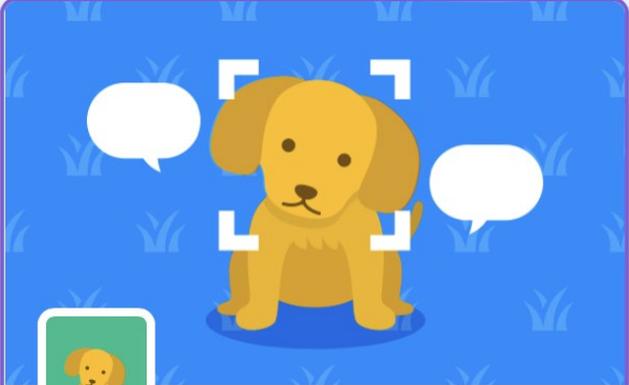
[Javascript](#) [p5.js](#) [Contribute on Github](#)

Learn more about how to use the code snippet on [github](#).

```
<div>Teachable Machine Image Model</div>
<button type="button" onclick="init()">Start</button>
<div id="webcam-container"></div>
<div id="label-container"></div>
<script src="https://cdn.jsdelivr.net/npm/@tensorflow/tfjs@latest/dist/tf.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/@teachablemachine/image@latest/dist/teachablemachine-image.min.js"></script>
<script type="text/javascript">
  // More API functions here:
  // https://github.com/googlecreativelab/teachablemachine-community/tree/master/libraries/image

  // the link to your model provided by Teachable Machine export panel
  const URL = "/my_model/";
```

Copy



TM2Scratch
Recognize your own images and sounds.

Requires 

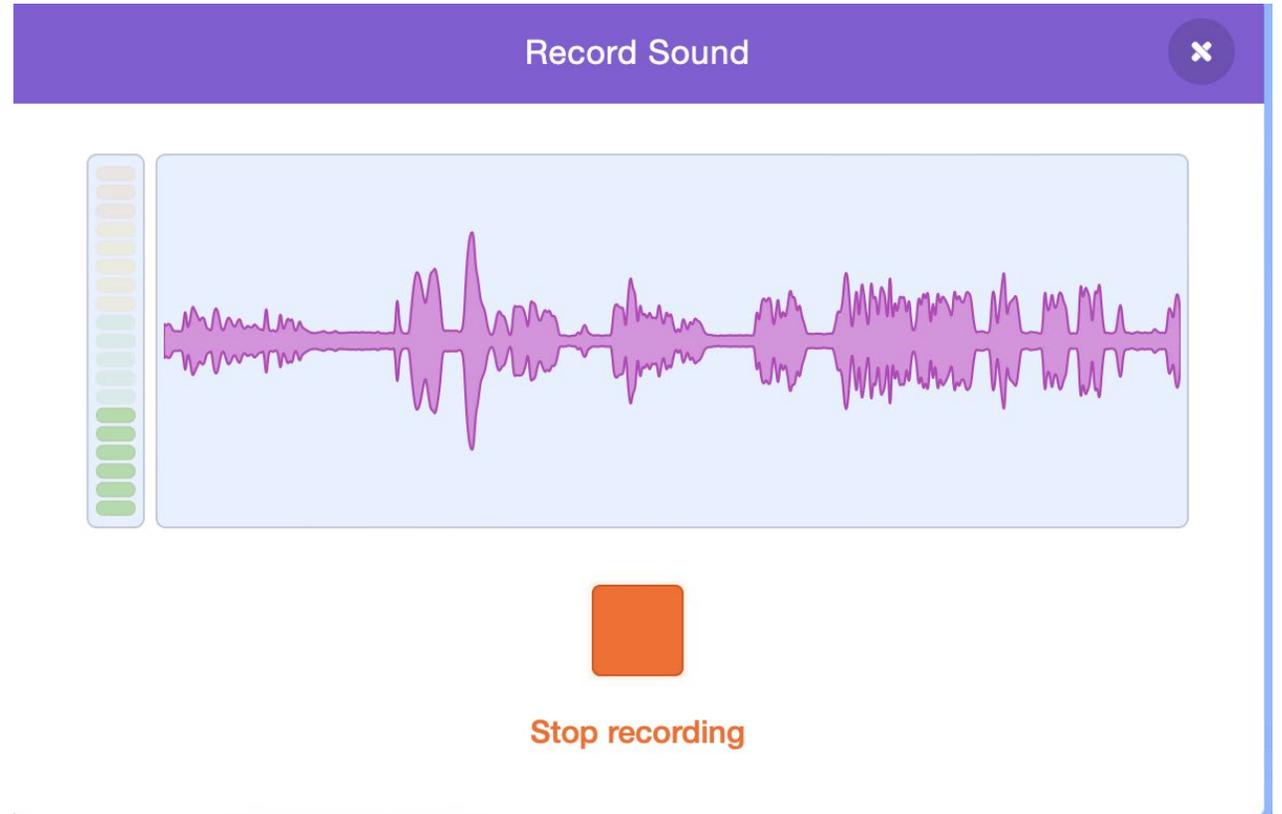
Collaboration with
**Tsukurusha,
YengawaLab and
Google**

加入聲音系統

加入聲音系統到編程平台內

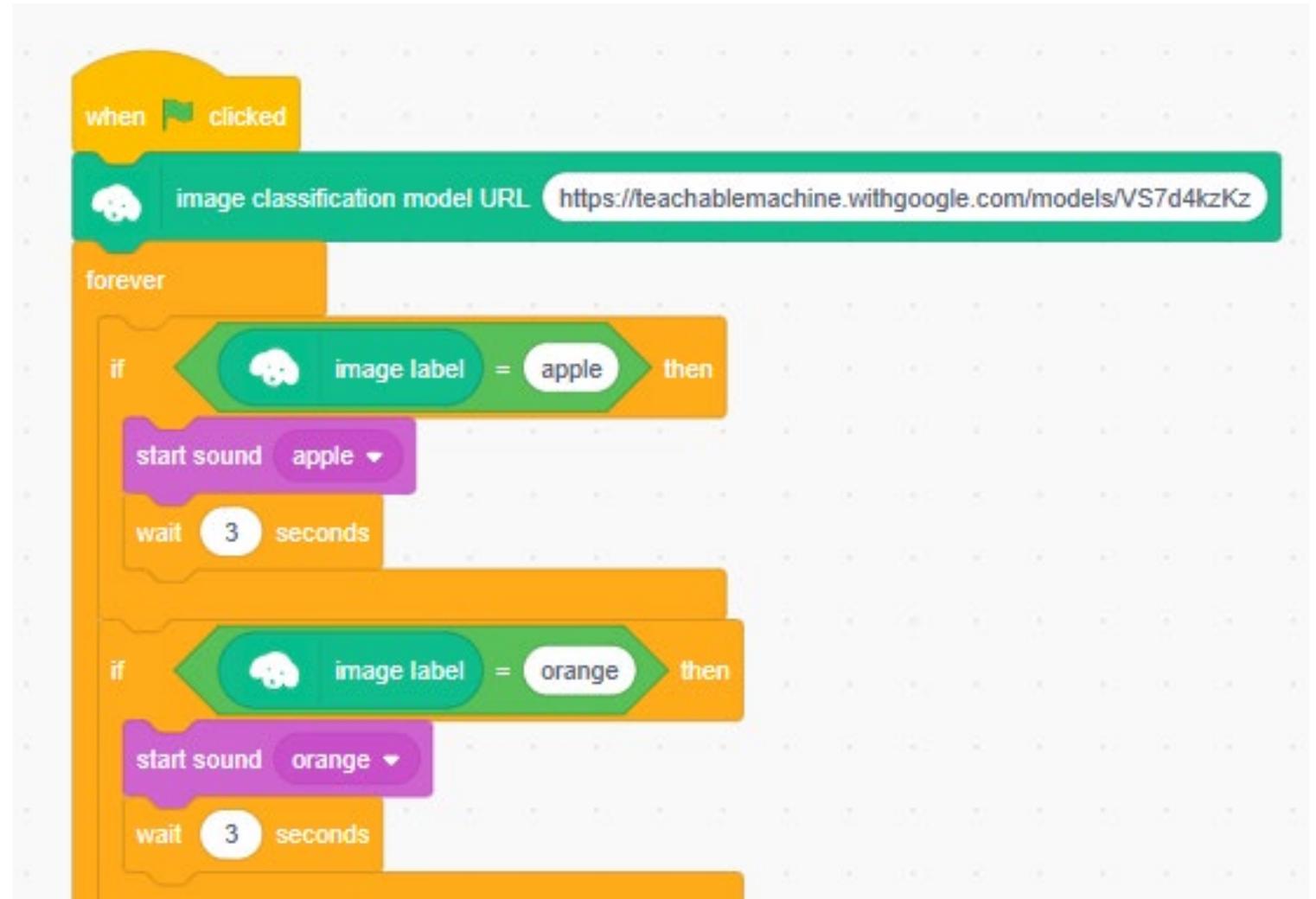
進行錄音

程式便可以說出英文詞語



Stretch3

<https://stretch3.github.io/>



```
when green flag clicked
  image classification model URL https://teachablemachine.withgoogle.com/models/VS7d4kzKz
  forever loop
    if image label = apple then
      start sound apple
      wait 3 seconds
    if image label = orange then
      start sound orange
      wait 3 seconds
```

The image shows a Scratch script on a grid background. It starts with a yellow 'when green flag clicked' block. Below it is a green 'image classification model URL' block with the URL 'https://teachablemachine.withgoogle.com/models/VS7d4kzKz'. This is followed by an orange 'forever' loop block. Inside the loop, there are two conditional blocks. The first is an 'if image label = apple then' block, which contains a purple 'start sound apple' block and an orange 'wait 3 seconds' block. The second is an 'if image label = orange then' block, which contains a purple 'start sound orange' block and an orange 'wait 3 seconds' block.

總結

現在的科技十分發達，很多事情都可以用人工智能解決。

例如：我們可以用Teachable Machine來教導低年級學習英文詞語等。AI不但為人類日常生活帶來方便，AI也是人類的好幫手呢！

