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| **桃園市平鎮區義興國民小學112學年度第二學期 一年級 彈性學習課程****【**Explore the world**】教學進度檢核表**計畫 |
| 週次日期 | 單元名稱 | 課程內容 | 依進度教學V X | 左欄X，更換後主題 | 備註 |
| 1 | **Living area.** | * Understand the community.
* Activities you can do in the communities.
* How to buy things in the supermarket?
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| 6 | **The Zoo** | * Words of Animals
* Animals around the world.
* Make friends with animals.
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| 8 |  |
| 9 | **Easter** | Easter words, song, story and customs. |  |  |  |
| 10 | **My body.** | * Body parts
* Functions of body parts
* Daily routines and healthy habits.
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| 11 |  |
| 12 |  |
| 13 | **Mother’s Day.** | * Words, song, story and customs.
* Youtube: Mommy I love you.
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| 14 | **My toys.** | * Introduce my toys.
* Toys around the world.
* Share with friends.
* Shopping flea market.
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| 15 |  |
| 16 |  |
| 17 | **Dragon Boat Festival** | * Words, song, story and customs.
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| 18 | **Food around the world.** | * Foreign food in the daily life.
* Common western and eastern food.
* Healthy recipe design.
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檢核日期:

教學者:

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| **桃園市平鎮區義興國民小學112學年度第二學期 一年級 彈性學習課程****【IT創課E起來】教學進度檢核表** |
| 週次日期 | 單元名稱 | 課程內容 | 依進度教學V X | 左欄X，更換後主題 | 備註 |
| 1 | 主題(一)Introduction基本介紹資訊素養與倫理教育 | 1-1 課堂介紹1. 複習課堂規範2. 複習上學期授課內容 What cards did we use last semester? What can they do?3. 本學期內容介紹 Do you see any new cards here? What color is it? Guess what it can do. |  |  |  |
| 2 | 1-2 常見的機器人1. 生活中有哪些常見的機器人呢?2. AI機器人的功能與應用資訊素養與倫理教育 |  |  |  |
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| 3 | 主題(三)Time and Seconds時間 | 1-3 霓虹燈1. 影片觀察 How many lights can you see? What are the colors? 2. 你也可以做出霓虹燈媽？What cards do you need? Try!3. 引導發現暫停卡的功能4. 讀秒 How long is a second? Let’s look at the clock and count together. |  |  |  |
| 4 | 1-4 種花1. 情境佈題What does a farmer do? What plants do you see? What colors are they?2. 機器人任務說明：走到指定位置種玫瑰3. 任務討論與練習 |  |  |  |
| 5 | 主題(四)Traffic Lights紅綠燈停看聽 | 2-1 紅綠燈1. 生活中的燈What lights can you see on the streets? What colors are the traffic lights?2. 過馬路安全宣導 What do you do if you see a red light? What do you do if you see a green light?3. 學習單練習 |  |  |  |
| 6 | 2-2 紅綠燈任務(一)1. 街道觀察 What can you see on the streets? cars, zebra-crossing, sidewalk2. 過馬路模擬任務，使用紅綠燈與秒數卡模擬過馬路時會遇到的情境3. 小組討論與練習 |  |  |  |
| 7 | 2-3 紅綠燈任務(二)1. 街道觀察 What places can you see on a map? Who is waiting for the traffic light?2. 過馬路模擬任務，當機器人紅燈時對向車會過馬路What sounds can you hear?3. 小組討論與練習 |  |
| 8 | 2-4 機器人去機場1. 街道分析 How many traffic lights do you see? What sound can you hear at the airport? Is there an airport in Taoyuan?2. 過馬路模擬任務，除了要考量對向來車，過馬路後須依照地點加入會聽到的聲音。3.小組討論與練習 |  |
| 9 | 2-5 機器人上學去1. 認識學校周邊地標，並按照實際的相對位置放到地圖上 Where is this? Can you put them on the map?2. 任務：機器人上學會經過可以跳繩、運動的地方，請問會走哪條路？可能聽到什麼聲音呢？3. 任務討論與練習 |  |
| 10 | 主題(五)AR Game動物抓寶資訊素養與倫理教育 | 5-1 動物1. 動物名複習與教學 koala, tiger, shark, whale, kangaroo, gorilla, panda, crocodile2. 猜猜我是誰 animal games |  |  |  |
| 11 | 5-2 AR擴增實境1.什麼是擴增實境2. 影片欣賞3. 使用說明資訊素養與倫理教育 |  |  |  |
| 12 | 5-3 AR擴增實境1. 實際操作說明2. 倆倆抓寶 |  |  |  |
| 13 | 主題(六)Patterns誰是邏輯王 | 6-1 規律1. 介紹規律的概念 What is a pattern? Patterns repeat again and again.2. 依序講解number patterns, shape patterns and color patterns3. 發現生活中的規律 |  |  |  |
| 14 | 6-2 規律練習1. 複習規律的概念2. 學習單練習：畫並寫出剩餘的學習單3.請小朋友上台示範 |  |  |  |
| 15 | 6-3 迴圈(一)1. 複習Pattern概念 What is the pattern? How many times can you see the pattern? 2. 介紹迴圈卡的使用方式3. 使用loop讓機器人轉圈圈 |  |
| 16 | 6-4 迴圈(二)1. 複習loop卡的操作方式2. 用最少的卡片讓機器人畫出正方形與長方形 |  |
| 17 | 主題(七)Secret Codes我是小偵探 | 7-1 密碼 (一)1. 常見密語介紹2. What is Every second letter code? |  |  |  |
| 18 | 3. Crack the code |  |  |  |
| 19 | 7-2 Reversed word letter code1. Instroduction2. Crack the code3. Write your own code |  |  |  |
| 20 | 7-3 Caesar Cipher1. Introduction2. Crack the code3. Write your own code |  |  |  |

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