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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. |  |  |  |
| 7 |  |
| 8 |  |
| 9 | **Easter** | Easter words, song, story and customs. |  |  |  |
| 10 | **My body.** | * Body parts * Functions of body parts * Daily routines and healthy habits. |  |  |  |
| 11 |  |
| 12 |  |
| 13 | **Mother’s Day.** | * Words, song, story and customs. * Youtube: Mommy I love you. |  |  |  |
| 14 | **My toys.** | * Introduce my toys. * Toys around the world. * Share with friends. * Shopping flea market. |  |  |  |
| 15 |  |
| 16 |  |
| 17 | **Dragon Boat Festival** | * Words, song, story and customs. |  |  |  |
| 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, sidewalk  2. 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, crocodile  2. 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 patterns  3. 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 code  1. Instroduction  2. Crack the code  3. Write your own code |  | |  | |  | |
| 20 | 7-3 Caesar Cipher  1. Introduction  2. Crack the code  3. Write your own code |  | |  | |  | |

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