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| **桃園市平鎮區義興國民小學112學年度第一學期 四年級 彈性學習課程**  【Explore the world】**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 | Land and Sea:  Wild animals and farm animals. | 1.Review:  (1) Introduce Land and Sea.  (2) Types and feature of Land and Sea.  2. Practice:  (1) Share the animals around Land.  (2) Share the animals around Sea. |  |  | |  |
| 2 | Land and Sea:  Sea animals | 1.Review:  (1) Share the animals around Land.  (2) Share the animals around Sea.  2. Practice:  (1) Share the animals features around Sea.  (2) Discuss the features of Sea animals. |  |  | |  |
| 3 | Land and Sea:  Fun facts about animals – features | 1.Review:  (1) Share the animals features around Sea.  (2) Share the features of Sea animals.  2. Practice:  (1) Find out some fun facts about animals.  (2) Discuss the fun facts of animals.  3.Team work  (1) Share the fun facts of some animals. |  |  | |  |
| 4 | Land and Sea  Fun facts about animals – habitats / protections | 1.Review:  (1) Share the fun facts of some animals.  2. Practice:  (1) Find out some habitats / protections about animals.  (2) Discuss the habitats / protections of animals.  3.Team work  (1) Share the habitats / protections. |  |  | |  |
| 5 | Land and Sea  Weird animals in the world | 1.Review:  (1) Introduce “Weird” animals in the world.  (2) Types and feature of weird animals.  2. Practice  (1) YouTube: Strangest Animals That Are Hard To Believe Are real!  (2) Share the ideas in the video.  3.Team work  (1) Talk about the ideas.  (2) Make a list of the weird animals and their features. |  |  | |  |
| 6 | Last Week:  Daily life 1: Food we eat everyday | 1.Review:  (1) Share the things that we do every day.  2. Practice:  (1) Storybook: Dim Sum for Everyone! / Lin, Grace  (2) Discuss the food in the story.  3.Team work  (1) Share the food we eat everyday. |  |  | |  |
| 7 | Last Week:  Daily life 2: Chores we do everyday | 1.Review:  (1) Share the things that we do every day.  2. Practice:  (1) Share the chores that we do every day.  (2) Discuss the meanings of the chores.  3.Team work  (1) Make a list of the chores that your family member does. |  |  | |  |
| 8 | Last Week:  What I used to do? | 1.Review:  (1) Share the things that we are used to.  2. Practice:  (1) Share the things that we are used to.  (2) Discuss the meanings of “used to” do something.  3.Team work  (1) Make a list of the things that we are used to. |  |  | |  |
| 9 | Last Week  Good old days with my family | 1.Review:  (1) Share the things that the family usually does.  2. Practice:  (1) Share “the old days with my family”.  3.Team work  (1) Share “the new things to do with my family”. |  |  | |  |
| 10 | Land and Sea  The categories of land and sea animals | 1.Review:  (1) Share the animal’s features.  2. Practice:  (1) Find out some categories of land and sea animals.  (2) Discuss the categories of land and sea animals.  3.Team work  (1) Share the categories of land and sea animals.  (2) Talk about different categories. |  |  | |  |
| 11 | Appearance:  Body and facial features | 1.Review:  (1) Share the appearance.  (2) Body and facial features.  2. Practice:  (1) Storybook: People/Peter Spier  (2) Discuss the meanings of story.  3.Team work  (1) Share the impressive part of the story. |  |  |  | |
| 12 | Appearance:  Body and facial features | 1.Review:  (1) Storybook: People/Peter Spier  (2) Body and facial features.  2. Practice:  (1) Discuss the characters in the story.  (2) Talk about their features.  3.Team work  (1) Talk about the body and facial features of yourself. |  |  |  | |
| 13 | Appearance:  Describing your friends and family | 1.Review:  (1) Storybook: People/Peter Spier  (2) Body and facial features.  2. Practice:  (1) Talk about the reason of different features of human.  (2) Discuss the functions of those features.  3.Team work  (1) Share the features you like / don’t like about yourself.  (2) Talk about the features that are as same as your family. |  |  |  | |
| 14 | Appearance:  People from all over the world | 1.Review:  (1) the features about yourself.  (2) Body and facial features.  2. Practice:  (1) Learn about different people over the world.  (2) Discuss the differences.  3.Team work  (1) Share the features that impressed you the most.  (2) Talk about the features that are as same as you or your family. |  |  |  | |
| 15 | Appearance:  We are the one: Respecting differences | 1.Review:  (1) People from all over the world  (2) Body and facial features.  2. Practice:  (1) Learn to respect differences.  3.Team work  (1) Share the ideas of respecting.  (2) Make a movement of respecting. |  |  |  | |
| 16 | Appearance:  Self portrait | 1.Review:  (1) Respecting differences  (2) Body and facial features.  2. Practice:  (1) Self-portrait.  (2) Write down the advantages of the features beside the portrait. |  |  |  | |
| 17 | Fun Outdoors:  My favorite sport. | 1.Preview:  (1) Level 1 vocabulary  (2) Level 1 sentences  2. Asking  (1)Q&A about days of the vacation.  3.Sharing |  |  |  | |
| 18 | Fun Outdoors:  What do my family and friends do in their free time? | 1.Review:  (1) Days of the vacation.  (2) Vacation sharing.  2. Practice  (1) Things about outdoor activities.  (2) Types about outdoor activities.  3.Team work  (1) Make a chart to introduce outdoor activities. |  |  |  | |
| 19 | Fun Outdoors:  Outdoor activities in Taiwan | 1.Review:  (1) Introduce outdoor activities.  (2)Types and feature of outdoor activities.  2. Practice  (1) YouTube: Don’t go to Taiwan - Travel film by Tolt #16  (2) Share the ideas in the video.  3.Team work  (1) Talk about the ideas.  (2) Make a list of the things that you’d love to try. |  |  |  | |
| 20 | Fun Outdoors: Outdoor activities around the world. | 1.Review:  (1) Introduce the outdoor activities you’d love to try.  2. Practice  (1) Outdoor activities around the world.  (2) Share the activities around the world.  3.Team work  (1) Make a poster.  (2) Introduce the special outdoor activities. |  |  |  | |
| 21 | Fun Outdoors:  Make a plan for a field trip. | 1.Review:  (1) Outdoor activities around the world and Taiwan.  2. Practice  (1) Share the experiences of field trip.  (2) Talk about the elements of field trip.  3.Team work  (1) Make a plan for a field trip.  (2) Share the plan for a field trip. |  |  |  | |

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| **桃園市平鎮區義興國民小學112學年度第一學期 四年級 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）：製作個人檔案-1 | word  啟動 Word 從做中學文書編輯、學會文字格式設定、插入圖片、設定段落對齊、儲存檔案、常見文件格式、透過雲端硬碟存取、瞭解電腦檔案的安全與病毒防護。 |  |  |  |
| 2 | 主題（一）：製作個人檔案-2 | 了解文書編輯的重要性、學會設定版面和背景、學會不同的檢視方法、熟悉文字藝術師、能複製格式和項目符號、能夠應用文字方塊。**※**資訊倫理及安全健康上網教育 |  |  |  |
| 3 | 主題（一）：製作個人檔案-3 | 認識表格和應用、學會建立表格  、學會調整欄和列、能夠自動調整表格、套用表格樣式、能夠設定框線和網底、會製作標題和插入圖片、套用圖片特效。 |  |  |  |
| 4 | 主題（一）：製作個人檔案-4 | 了解段落和段落標記、會設定行距和間距  熟悉段落縮排和凸排、能使用項目符號、認識文繞圖和應用、能善用網路找資料。 |  |  |  |
| 5 | 主題（一）：製作個人檔案-5 | 學會轉換文字為表格、能設定表格標題和置中、學會欄寬的調整  熟悉儲存格選取和合併、能插入線上圖片、認識創用CC、設定標題和背景圖美化。 |  |  |  |
| 6 | 主題 (二)  虛實整合-1  AR | 資訊工具：iPad  介紹擴增實境 AR 與 校園AR 各區使用方式(共三區)  ① 職人幫幫忙  ② 義興世界村  ③ 動物探索區 |  |  |  |
| 7 | 主題 (二)  虛實整合-2 AR | 資訊工具：iPad  體驗校園AR 並完成指定任務 |  |  |  |
| 8 | 主題（二）：虛實整合-3  VR | 資訊工具：VR 眼鏡  介紹虛擬實境 VR 與 VR 眼鏡使用方式 |  |  |  |
| 9 | 主題（二）：  虛實整合-4  VR | 資訊工具：VR 眼鏡  了解VR 眼鏡的操作方式，並完成指定關卡任務 (三區)   1. Fast Food Restaurant 2. Convenience Store   MRT Station |  |  |  |
| 10 | 主題（二）：虛實整合-5  VR | 資訊工具：VR 眼鏡  了解VR 眼鏡的操作方式，並完成指定關卡任務 |  |  |  |
| 11 | 主題(三)：動畫設計-1 | 資訊工具：iPad, 程小奔  認識機器人程小奔(Codey Rocky)的構造與功能。  **※**資訊倫理及安全健康上網教育 |  |  |  |
| 12 | 主題(三)：動畫設計-2 | 資訊工具：iPad, 程小奔  能使用mBlock程式，設計小程(Codey)的動畫作品 (四季變化) |  |  |  |
| 13 | 主題(三)：動畫設計-3 | 資訊工具：iPad, 程小奔  能使用mBlock程式，設計小程(Codey)的動畫作品 (動物奔跑) |  |  |  |
| 14 | 主題(三)：動畫設計-4 | 資訊工具：iPad, 程小奔  能使用mBlock程式，設計小程(Codey)的動畫作品 (自由創作) |  |  |  |
| 15 | 主題(三)：動畫設計-5 | 資訊工具：iPad, 程小奔  能使用mBlock程式，設計小程(Codey)的動畫作品 (自由創作) |  |  |  |
| 16 | 主題(四)：運算思維-1 | 資訊工具：iPad, 程小奔  自走車-能使用程式控制程小奔 (Codey Rocky)的各種行進 (前後左右) |  |  |  |
| 17 | 主題(四)：運算思維-2 | 資訊工具：iPad, 程小奔  能使用程式控制程小奔(Codey Rocky)的行進，並完成行走指定圖形(長方形) |  |  |  |
| 18 | 主題(四)：運算思維-3 | 資訊工具：iPad, 程小奔  能使用程式控制程小奔的行進，並完成行走指定圖形(長方形) |  |  |  |
| 19 | 主題(四)：運算思維-4 | 資訊工具：iPad, 程小奔  能使用程式控制程小奔的行進，並完成行走指定圖形(8字形) |  |  |  |
| 20 | 主題(四)：運算思維-5 | 資訊工具：iPad, 程小奔  能使用程式控制程小奔的行進，並完成行走指定圖形(8字形) |  |  |  |
| 21 | 主題(四)：運算思維-6 | 資訊工具：iPad, 程小奔  能使用程式設計動畫，並控制程小奔的行進，呈現簡易成果發表 |  |  |  |

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| **桃園市平鎮區義興國民小學112學年度第一學期 四年級 彈性學習課程**  **【**義起悅讀趣**】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 | 義起趣看書(家庭教育)  ※家庭教育 | 1. 搜集並閱讀**「**樹林裡的房子**」**的書籍 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 2 | 閱讀理解策略 | 閱讀理解策略「認識字的結構」/指導認識兩個部件以上文字結構。 |  |  |  |
| 3 | 義起趣看書(性平教育) | 1. 影片欣賞「刻板的幻影」/教師導讀繪本，與學生討論影片內容。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 4 | 古典詩詞賞析 | 1. 古典詩詞賞析/唐詩「夜雪」、「寒塘」、「秋日」、「山中」。   小組共同討論與賞析詩詞。 |  |  |  |
| 5 | 閱讀理解策略 | 閱讀理解策略「學習朗讀技巧」/指導學生參考朗讀符號表，並練習劃記。 |  |  |  |
| 6 | 義起趣看書(性平教育) | 1. 繪本導讀「灰王子」/教師導讀繪本，應用「理解監控」來帶領學生閱讀文章。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 7 | 古典詩詞賞析 | 1. 古典詩詞賞析/唐詩「絕句(一)」、「鳥鳴澗」、「新夷塢」、「訪袁拾遺不遇」。   小組共同討論與賞析詩詞。 |  |  |  |
| 8 | 義起趣看書(性平教育) | 1. 繪本導讀「小田的阿嬤家」/教師導讀繪本，應用「理解監控」來帶領學生閱讀文章。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 9 | 義起趣看書(生命教育) | 1. 繪本導讀/**「**爺爺，有沒有穿西裝**」**教師導讀繪本，應用「理解監控」來帶領學生閱讀文章。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 10 | 閱讀理解策略  ※評量週 | 閱讀理解策略「認識人物傳記」/指導學生閱讀傳記中記敘文「寫人」手法。 |  |  |  |
| 11 | 義起趣看書(科技教育) | 1. 搜集並閱讀「科普讀物推薦書目：國小篇」的書籍。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 12 | 義起趣看書(性平教育) | 1. 繪本導讀「媽媽的畫像」/教師導讀繪本，應用「理解監控」來帶領學生閱讀文章。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 13 | 古典詩詞賞析 | 1. 古典詩詞賞析/唐詩「秋日湖上」、「風」、「馬」、「柳絮」。   小組共同討論與賞析詩詞。 |  |  |  |
| 14 | 義起趣看書(海洋教育) | 1. 搜集並閱讀**「**旗魚王**」**的書籍。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 15 | 古典詩詞賞析 | 1. 古典詩詞賞析/唐詩「對花」、「易水送別」、「勞勞亭」。   小組共同討論與賞析詩詞。 |  |  |  |
| 16 | 義起趣看書(家庭教育)  ※家庭教育 | 1. 繪本導讀「朱家故事」/教師導讀繪本，應用「理解監控」來帶領學生閱讀文章。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 17 | 古典詩詞賞析 | 1. 古典詩詞賞析/唐詩「秋風引」、「易莫種樹」。   小組共同討論與賞析詩詞。 |  |  |  |
| 18 | 閱讀理解策略 | 閱讀理解策略「認識劇本」/找出完璧歸趙中的原因、經過、結果。 |  |  |  |
| 19 | 義起趣看書(環境教育) | 1. 文本閱讀: 搜集並閱讀環境教育的書籍，如：「[松鼠們的瘋狂遊戲](https://www.parenting.com.tw/reading/book-3359-%E6%9D%BE%E9%BC%A0%E5%80%91%E7%9A%84%E7%98%8B%E7%8B%82%E9%81%8A%E6%88%B2/)」。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 20 | 義起趣看書(人權教育)  ※評量週 | 1. 搜集並閱讀人權教育的書籍如：「我不敢說，我不怕被罵」。 2. 深化議題探究、資料收集   小組分工合作行動 |  |  |  |
| 21 | 義起趣看書(品德教育)  ※品德教育 | 1. 影片欣賞「品德教育動畫短片」/教師與學生討論影片內容。 2. 深化議題探究、資料收集 3. 小組分工合作行動   ※品德教育 |  |  |  |