**英語教學教案設計 教學日期:113 年 5月14日**

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| **領域/科目** | | 英語文領域 | | **教學者** | | 毛慧中 | |
| **實施年級** | | 5 Grade  學生22人 | | **教學內容** | | 自編(配合5年級自然科康軒版第三單元 植物世界面面觀)   |  | | --- | | 預計公開授課內容為第3節 | | |
| **主題名稱** | | Facts of Plants | | | | | |
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| **學習**  **重點** | **學習表現** | | **英語領域**  1-III-6 能聽懂課堂中所學的字詞  1-III-9 能聽懂簡易句型的句子  1-III-10能聽懂簡易的日常生活對話  2-III-1 能念出英語的語音  2-III-2 能說出課堂中所學的字詞  2-III-7 能作用簡易的回答和描述  3-III-1 能辨識課堂中所學的字詞  3-III-4 能看懂課堂中所學的句子  3-III-6 能看懂課堂中所學的簡易短  文之主要內容  4-III-6 能書寫課堂中所學的句子  4-III-4能依圖畫、圖示填寫簡單字詞。  5-III-9 能能運用所學的字母拼讀規  則讀出英文字詞  6-III-2 樂於參與課堂中各類練習活  動,不畏犯錯  6-III-3主動預習,溫習功課  **自然領域**  tc-III-1能就所蒐集的數據或資料進行簡單的紀錄與分類並依據習得的知識思考資料的正確性及辨別他人資訊與事實的差異  po- III-1能從學習活動、日常經驗及科技運用、自然環境、書刊及網路媒體等察覺問題。  ah-III-1利用科學知識理解日常生活觀察到的現象  ai-III-3參與合作學習並與同儕有良好的互動經驗享受學習科學的樂趣 | | **核心**  **素養** | | **英語領域**  英-E-A2 具備理解簡易英語文訊息的能力，能運用基本邏輯思考策略提升學習效能  英-E-B1 具備入門的聽、說、讀、寫英語文能力。在引導下，能運用所學、字詞及句型進行簡易日常溝通  英-E-B2具備使用各種資訊科技媒材進行自我學習的能力以增進英語文聽說讀寫綜合應用能力及文化習俗之理解  英  英-E-C2 積極參與課內英語文小組學習活動培養團隊合作精神  **自然領域**  自-E-A1 能運用五官，敏銳的觀察周遭環境，保持好奇心、想像力持續探索自然。  **自-E-B2** 能了解科技及媒體的運用方式，並從學習活動、日常經驗及科技運用、自然環境、書刊及網路媒體等，察覺問題或獲得有助於探究的資訊。    **自-E-C2** 透過探索科學的合作學習，培養與同儕溝通表達、團隊合作及和諧相處的能力。 |
| **學習內容** | | **英語領域**  ◎Ab-III-5所學的字母拼讀規則（含看字讀音、聽音拼字）。  ◎Ac- III-2簡易的教室用語。  ◎Ac- III-3簡易的生活用語  Ac- III-4國小階段所學字詞（能聽、讀、說300字詞，其中必須拼寫180字詞）。  **自然領域**  INb-Ⅱ-6常見植物的外部形態主要由 根、莖、 葉、花、果實及種子所組成。  INb-Ⅱ-4生物體的構造與功能是互相配合的。  INa-III-9植物生長所需的養分是經由光合作用從太陽光獲得  INf-III-4人類日常生活中所依賴的經濟動植物及栽培養殖的方法 | |
| **教材來源** | | | 5年級自然康軒版 ,台北市自編CLIL雙語教材, Youtube影片(附件1) | | | | |
| **教學設備/資源** | | | computer、screen、教學PPT、自編講義教材 ,Ipad | | | | |
| **教學研究** | | | 【**教學構想**】  依據英語教材中學習的語文知識為基礎 ,依學生程度,將新習得的單字句型,和之前習得的單字句型加以延伸,以英語為工具,結合自然課程主題和英語學習做跨領域雙語教學,讓學生有機會將習得的語言知識和學科知識加以運用,並利用設計分組活動和數位平台媒材, 提升上課的興趣,鼓勵學生做口語的表達練習,增進聽讀與口說英語的能力,達成語言和領域學科雙重學習的目的。  【**學生經驗分析**】  **英語領域**  1.已能用簡易英語打招呼及問候,以及使用簡易教室用語。  2.已能運用(phonics)概念學習新單字的發音。  3.已能運用曾學過的相關單字或句型,說出植物各部位構造和生長所需的英文名稱。  4.已能連結教學網站或使用網路平台,做課前的預習和課堂的練習活動,並完成指定的作業。  **自然領域**  1.已認識植物身體根、莖、葉、花、果實和種子各部位構造。  2.已了解植物需要陽光、空氣、水、土壤等條件來維持生長。  3.已了解植物需要那些元素進行光合作用以獲取養分。  4.已了解植物生長的幾個階段。  5.已了解植物在環境和生活中的重要性。  【教學策略】  以Google classroom作業中派發的影片、歌曲和講義圖片,搭配自然課本的單元內容做課前的預習, 在英語課中,教師進行單字與句型的教學活動,學生除學習領域相關新的學科單字,並能結合之前所學過的單字句型,在課堂搭配數位教材或網路平台,分組進行任務活動,以小組合作方式,學習以英語做口頭報告發表,將英語學習整合在學科學習中，讓學生能實際應用英文。 | | | | |
| **學習目標**   1. 能聽懂認讀並說出曾學過的單字: plant ,root,stem,leaf(leaves),flower,fruit,sunlight,air,water,soil,以及新習得的單字 sprout ,sapling ,photosynthesis,carbon dioxide,oxygen ,stomata 2. 能使用What do plants need to \_\_\_\_\_\_(grow, make their own food…)?   Plants need \_\_\_\_ (sunlight,air,water,soil photosynthesis…) to\_\_\_ (grow, make their  own food…).的句型做口語問答練習   1. 能聽懂常用的課室用語並回應 2. 能聽懂並跟唱歌曲1.The Needs of plant 2. photosynthesis 3. 能透過圖片辨識及運用拼音規則拼唸sprout ,sapling ,photosynthesis,carbon ,dioxide,oxygen ,stomata等新習得的學科字詞 4. 能用所學過的單字句型回應主題相關提問及完成分組口頭報告的任務(附件2) 5. 能使用網路平台Google Classroom Padlet做課前預習及課中的活動或課後複習 | | | | | | | |

**教學活動設計**

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| **節次** | **教學活動流程及活動設計** | **教師語言**  **(教師授課中所使用的用語)** | **教學資源與評量** |
| **第**  **一**  **節** | **壹、準備活動**  **1.** **Preparation 10 mins**  老師向學生簡單的打招呼  Greeting & Introduction  **活動1**  播放歌曲並請學生跟唱  詢問學生是否能認出或說出歌曲中出  現的有關本單元主題的字詞  **Activity 1 Let’s sing**  Play the song .Teacher will invite students to sing the song.  [**https://youtu.be/dUBIQ1fTRzI?si=GHMz9JhX50jwZvip**](https://youtu.be/dUBIQ1fTRzI?si=GHMz9JhX50jwZvip)  **(The Needs of a Plant about 5 things plants need to live)**  [**https://youtu.be/n6S4E\_LZq5A?si=KcHaN3MnmolIVSip**](https://youtu.be/n6S4E_LZq5A?si=KcHaN3MnmolIVSip)  **(photosynthesis?)**  Ask students if they can recognize or  say some words or sentences from the video. (ex.plant ,root,stem,leaf(leaves),  flower,fruit,sunlight,air,water,soil, photosynthesis,carbon dioxide,oxygen ,stomata…)  **活動2**  簡短介紹課前在Google classroom作業中派發的影片、講義圖片,搭配自然課本的單元內容的課前預習,課程主題中可能使用到的字詞或句型  **Activity 2 Let’s preview**  Teacher shows the pictures from the teaching ppt.A brief introduction to the videos, and handout pictures distributed in Google Classroom homework before class, a pre-class preview of the unit content of the science textbook, and words or sentence patterns that may be used in the course topic.  What do plants need to \_\_\_\_\_\_  (grow,make their food…)?  Plants need \_\_\_\_\_ (sunlight,air,water,soil,photosynthesis…) to \_\_\_\_.(grow, make their own  food…)  **貳、發展活動**  **2.Presentation :** **20 mins**  **活動1**  1.以講義教材簡單複習本單元的主題字詞句型後,老師開啟平台網站Padlet連結,學生拿出平板載具加入課程主題, 各組成員將事前分派的主題任務,繳交口頭報告作業內容  2.各組上台做口頭報告  每位學生將自已負責的報告內容,以圖片和文字貼在padlet 各組分派的主題區塊下方,並以組別到台前做英語口說報告  **Activity 1 Let’s show and talk**  After briefly reviewing the topic words and sentence patterns of this unit using the handouts and textbooks, the teacher opens the Padlet link of the platform website, and students take out their ipads to join the course topics.  Dividing students into groups. Five to six people will be one group.  Arrange some objects they’ve  choosen before.Members of each group will submit the assigned topic tasks in advance and submit oral report assignments.  2.Each student will post the content of the report he/she is responsible for in the form of pictures and text under the topic block assigned to each group in the padlet, and then go to the stage to give an English oral report as a group.  **活動2**  在各組完成報告後, 各組成員一起合作查找資料並討論完成問答題目  **Activity 2 Question and Answer**  Team works  After each group completes the report, members of each group work together to find information ,then discuss and answer the questions  **參.綜合活動**  **3.Production :10 mins**   |  | | --- | | **活動1**  教師對於各組報告(主題內容呈現,字詞的運用,發音語調等)給予簡單的講評, 並對完成課堂活動的學生給予鼓勵  **Activity 1** **Summary**  The teacher gives brief comments on each group's report (presentation of theme content, use of words, pronunciation and intonation, etc.) and compliment students who did the team works activities in class.  **活動2**  請學生以圖畫或英語字詞簡單畫下或寫下在本單元所學到的學科主題概念或對本次課程的心得,並對完成的學生給予鼓勵 |   **Activity 2 wrap up**  Invite students to simply draw or write down what they learned in this unit or their thoughts on this course with pictures or English words.  After finish activities, teacher will give students award.  ~ end**~** | **1.** **Preparation**  **Warm up**  T:Good afternoon,Class.  Time for English class.  How are you today?  I am fine ,thank you.  T:Are you ready for our class?  First,let’s sing the song together  **Activity 1 Let’s sing**  T:After siniging the song.Can you name something in the video ? Give me some words or sentences.  S1:plants.  S2:water. Plants need water.  S3, S4…  T:Good job! All you are so great!  **Activity 2 Let’s preview**  T: Have you watched the video and do the exercises?  Ss:Yes, we’ve done.  T: Look at the screen. Let’s review the words and sentences.  Repeat after me .(plant,water…)  What do plants need to \_\_\_(grow, make their own food…)?  **2.Presentation**  **Activity 1 Let’s show and talk**  T:Now we can discuss your team tasks.Are you done?  Team1: You know how plants make their own food?  Team2: ,Team3: ,Team4:…  Ss:Yes,we are done.  T:Good job.  T: Please take out your ipads and scan the code. Link the Padlet platform website to join the course topics.  Please hand in your oral report under your Team’s topic blocks.  T:Are you done?If you are done, Plaese come and give an English oral report. Team1,are you ready?  T:Thank you for sharing the great oral reports.  **Activity 2 Question and Answer**  T:After your “Show and Talk” activities .I have some questions .Please fine out and show your answers below the question’s blocks.That’s Team works.You should work with your group together.  Ss:OK  **3.Production**  **Activity 1** **Summary**  T:All of you did the great job in your oral reports.The pictures are so cute,and you can try to read and say some words or sentences well.  **Activity 2 wrap up**  T:Let’s review some words or sentences again.  Please simply draw or write down the subject concepts you’ve learned in this unit or thoughts on this course with pictures or English words.  T: If you are done the works,I will give you stickers.  Ss:No problem.  T:I hope you can learn somethings in this class.  Time’s up!  That’s all for today! Goodbye,see you.Have a nice day!  Ss:Bye! | computer  screen  ipad  Teaching  PPT  Teaching materials  1.  Concentrate  on listening  2.  Can answer  teacher’s  questions  3.  Team work  assessment |

**附件1**

Pre-class preview the viedos

<https://youtu.be/D1Ymc311XS8?si=3d_htpQRVez7ewJd>

**Photosynthesis process**

<https://youtu.be/tMH_8gBR2fY?si=fR_t0gEzwQwdrexU>

**About Parts of a Plant**

<https://youtu.be/ukNXo-x02wE?si=WpT-lidK331pcS8C>

**Plants Need | Basic Needs for a Plant's Growth | What does a Plant Need to grow**

<https://youtu.be/IJnGbiewMtw?si=e7Ft25qlFwBQv1VP>

**Growth Of Plants, Seed Germination, Plant Growth and Development, Growth Of Plants**

<https://youtu.be/CBjrdMlZlfE?si=bZQPkQ7Pkrv-9mj1>

**How Plants Grow**

**附件2**

Questions and Task (提問和分組任務)

Team1

**You know how plants make their own food?(植物需要那些元素進行光合作用photosynthesis以獲取養分)**Team 2

**What do plants need to grow?(植物生長需要那些元素並加以說明)**

Team 3

**How does a plant grow?( 植物如何生長的5階段)**Team 4

**Let's get to know the parts of the plant(植物包含那些部位及各部位的功能說明)**