

(三) 部分領域課程雙語教學二年級上學期生活課程教案設計

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| 主題名稱 | U2 和風做朋友 | 教學設計者 | 雙語生活教師團隊 |
| 教學對象 | 二年級 | 教學節次 | 3 節課(120 分鐘) |
| 學習表現 | 2-I-1 以感官和知覺探索生活中的人、事、物，覺察事物及環境的特性。 2-I-4 在發現及解決問題的歷程中，學習探索與探究人、事、物的方法。 3-I-1 願意參與各種學習活動，表現好奇與求知探究之心。 7-I-4 能為共同的目標訂定規則或方法，一起工作並完成任務。 | | |
| 學習目標 | 1. 利用各種感官觀察風對物體的影響。 2. 能了解風來了，會有哪些現象和變化。 3. 能說出風依強弱有不同種類。 4. 能了解太強的風會帶來災害。 5. 能觀察 windsock 的形狀分辨風的強弱。 6. 能了解風對生活的影響（好處與壞處）。 | | |
| 教學方法 | 討論教學法、分組合作學習 | | |
| 英語學習 content vocabulary / sentences patterns | 字詞 wind, moving air, kite, fly, pinwheel, spin, dry, hair, slow, fast, gentle, strong 句子 Wind is the moving air. Can you see the wind? How do you know the wind is coming? I feel cool. I see a <u>kite flying</u> . When the air moves slowly, the wind is gentle. When the air moves faster, the wind is strong. What can wind do for us in our daily life? It helps me dry many things (e.g. my hair/clothes/rice noodles in Hsin-Chu...) It helps me fly a kite high in the sky. It helps to generate electricity. 教室用語 It's time for class. 上課了 Raise your hand before you speak. 先舉手再發言 Be quiet, please. 請安靜 Take out your textbook. 拿出課本 Pay attention. 專心聽講 Great ; Amazing ; Excellent ; Terrific ; Well done ; Good job ; Awesome ; Show me your answer. 給我看你的答案 Try again. 再試一次 Louder, please. 請大聲點 Eyes to the front. 眼睛看前面 Let's give him/her a big hand. 請給他/她掌聲鼓勵 | | |
| 課程安排 | 第一節 P. 28~31 | 風在哪裡 1 討論什麼是風。 2 小組討論：風來了你如何發現的。 3 教師總結：風是移動的空氣 | |

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| <p>三、統整活動</p> <p>1. 風是流動的空氣，雖然我們看不到，但我們能感覺到它的存在。</p> <p>T: What is wind?</p> <p>T: Wind is the moving air. We can't see it, but we can feel it.</p> <p>2. 教師提問；人如何製造風？請小組討論</p> <p>T: Can people make wind? How?</p> <p>Ss: 可以啊! 電扇就是啊。</p> <p>T: Right! Turn on the fan, and the wind will come.</p> <p>Ss: 開冷氣也可以。</p> <p>T: Good! Turn on the air conditioner, and wind will come.</p> <p>T: How do you feel when you turn on the air conditioner?</p> <p>Ss: I feel comfortable and cool.</p> <p>3. 教師提問黑板上的圖那些是自然風? 哪些是人造風? 可請小朋友上台分類。(Natural / Non-natural)</p> <p>4. 教師總結：風是流動的空氣，雖然看不見，但可感覺到它的存在。有些風是自然風，有些風是”非自然風”，如電氣用品產生出來的風。</p> <p>Wind is the moving air. We can't see it, but we can feel it. Some wind is natural while some wind is from appliances like fan or air conditioner.</p> <p>第一節 End</p> | | | <p>提問 聆聽 口語評量 小組討論</p> |
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| <p>第二節風對物體的影響&介紹不同種類的風</p> <p>一、暖身活動</p> <p>1. 複習風是流動的空氣，沒有顏色，看不到，但我們感覺得到，從哪些現象可以知道呢？</p> <p>T: What is wind? S: Wind is the moving air. T: Can you see wind? S: No. T: Can you feel wind? S: Yes. T: In what situation? S1: I feel the wind when I turn on the fan. S2: I feel the wind when I see my kite fly. S3: I feel the wind when I dry my hair....</p> <p>2. 教師引導風對物品的影響</p> <p>T: What will happen when the wind comes? Ss: 會吹走東西 T: Yes, wind can move/blow off things. T: When the wind stops, what happens? Ss: 東西就不會動了，也不會被吹走了! T: Good! When the wind stops, the thing is still.(doesn't move)</p> | 5 | 單字卡/ 圖卡/ PPT 複習 | 提問 聆聽 口語評量 |
| <p>二、發展活動</p> <p>1. 問學生空氣移動較慢時風會怎麼樣？空氣移動快時風又會怎麼樣？ 你知道有什麼不同種類的風？</p> <p>T: Do you know there are many types of wind? When the wind moves slowly, how is the wind? Ss: The wind is gentle. T: Good Job! What if the wind moves faster? Ss: 強風. T: What if the wind moves very very very fast, how is the wind? Ss: 就變颱風了! T: You're right! It can be a typhoon. We have typhoons in Taiwan. Excellent! Do you like typhoons? Ss: No. 颱風過後經常看到樹都被吹倒了！街道上的招牌也會掉落很可怕耶！ T: Right! Typhoons are horrible. The wind is so strong, it may be disastrous. Ss: 美國有颶風 T: Yes, That's right.</p> | 20 | 圖片/簡報 | 提問 聆聽 口語評量 小組討論 |
| <p>三、統整活動</p> <p>1. 介紹機場常見的 windsock (有 5 環)，用來測風速及風向的物品，共有 5 個等級的風。 播放介紹影片： https://www.youtube.com/watch?v=jRsZkhyGvng</p> <p>2. 請小朋友觀察 windsock 的外觀判斷風的強弱，並由弱到強排出順序</p> <p>T: This is a windsock. We can see it in the airport. It is used by pilots to check the approximate windspeed and wind direction.</p> | 15 | PPT 圖片 影片 各組 5 張 Windsock 圖片 | 聆聽 實做評量 提問 聆聽 |

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| <p>T: Windsack 有幾環? (How many rings do you see on a windsack?)</p> <p>S: 5 rings.</p> <p>T: What does one ring blowing up mean?</p> <p>T: Each ring indicates a windspeed of 5 knots. That means the wind speed is 5 knots per hour. (一環代表風速每小時 5 海浬) (1 海浬=1852 米)</p> <p>T: If you see 2 rings blowing up. What is the windspeed?</p> <p>S: It's about 2 knots. (兩環膨漲代表風速 10 海浬)</p> <p>T: Good Job!</p> <p>3. 請各組由弱到強排好 windsack 圖片(可做計時賽) 請排好的組，全組手模肩膀</p> <p>T: Now, I give you 5 different windsack pictures. Please put them in order according to the windspeed. From slow wind to fast wind. Let's do it in your own team. Please help each other.</p> <p>T: If your team is done, please touch your shoulder. Then, teacher will know you have finished and will check your answer. 教師總結並讚美表現好的組或學生</p> <p>第二節 End</p> | | | <p>小組合作 小組討論 小組實做</p> |
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| <p>第三節 風在生活中的應用</p> <p>一、暖身活動</p> <p>1. 複習風是流動的空氣，風來了的現象，風對物體的影響</p> <p>2. 複習風的種類(gentle wind, strong wind)</p> <p>3. 複習如何觀察 windsock 的形狀，分辨風的強弱</p> <p>4. 抽一小朋友上台排序 windsock 由弱風到強風</p> <p>T: How many rings do you see on a windsock? Ss: 5 rings.</p> <p>T: What does one ring blowing up indicate? Ss: 一環代表風速每小時 5 海浬</p> <p>T: Yes, you are right. What about 2 rings blown up? Ss: 5x2=10 風速每小時 10 海浬.</p> <p>T: Very good. Now, can anyone put the 5 different windsocks in order from slow wind to fast wind? S: Teacher, Me!</p> <p>T: Good! Please come to the front. Put the cards in order.</p> <p>T: Let's check the answer. Is he/she right? Ss: Yes. Very Good!</p> <p>T: Yes, let's give him/her a big hand.</p> <p>T: Gentle wind let us feel cool and comfortable? But how about Strong wind? Like typhoon, hurricane or tornado? Ss: It's horrible. 可能帶來災害!</p> <p>T: That's right.</p> | 15 | PPT 複習 5 張 Windsock 閃卡 | 聆聽 發表 口語評量 實做評量 |
| <p>二、發展活動</p> <p>活動一：討論風的好處有哪些？</p> <p>1. 教師發下小白板每人一張，請各小組討論 3~5 分鐘，時間到後請各小組依組別把每個人的答案貼在黑板上。</p> <p>T: Wind is powerful. What can wind do for us? T: Please discuss in your team. And everyone writes down your answer on your own white board.</p> <p>2. 老師請各組派一代表上台報告，小組成員的所有答案。</p> <p>3. 教師視情況用黑版的白板或自製 PPT 統整各組的發表</p> <p>T: Wind is powerful. What can wind do for us? Ss: Wind helps us dry our clothes. T: Wind helps us dry many things? T: Do you know anything else (except clothes and bedsheets) that is dried by wind? Ss: 新竹米粉, 柿餅(dried persimmon) T: Brilliant. 你們知道為什麼新竹米粉很有名嗎? S: I don't know. T: 新竹有九降風，風特別強。被風吹乾的米粉特別好吃。 T: What can wind do for us? Ss: Wind helps us fly a kite. T: Yeah! You're right. T: What else? Ss: Wind can turn the windmill and grind wheat or corn. T: Awesome. T: What else? Ss: Wind helps plants scatter seeds.</p> | 15 | 26 張小白板 & 26 markers 簡報 26 小磁鐵 | 提問 聆聽 小組討論 口語評量 |

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| <p>T: Brilliant. T: What else? Ss: Wind helps a sailboat sail. T: Yeah! You're right. T: Let me show you a picture of wind turbine. (老師展示圖片) Do you know what's this? Ss: 風力發電用的! T: Right! It's like a windmill. But it's called wind turbine. You're so smart. Wind can also help us generate electricity. T: 所以風可以幫助人類做很多事哦!</p> <p>三、統整活動</p> <ol style="list-style-type: none"> 1. 完成單元學習單 2. 教師總結並讚美表現好的組或學生。 <p>第三節 End</p> | 10 | 單元 學習單 | 學習單評 量 |
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