

# 110 學年度金門縣金寧國民中小學國小部 雙語綜合領域教案-第十二冊(6 下)單元二教案

主題名稱	單元二 保護地球行動 活動 1 生態環境改變 活動 2 珍惜生態環境	教學共備	張桂芳老師 (英語綜合教師)																
教學對象	六年級下學期	教學節數	共 10 節 (400 分鐘) (觀課為第一節)																
教材來源	康軒版六下 《YouTube 頻道》 1. 金門水獺 <a href="https://youtu.be/mj_Tf4AsxyA">https://youtu.be/mj_Tf4AsxyA</a> 2. 金門鸞 <a href="https://youtu.be/7sQZySJ9SMw">https://youtu.be/7sQZySJ9SMw</a> 3. 金門緬甸蟒 <a href="https://youtu.be/DvZVtMT0yOq">https://youtu.be/DvZVtMT0yOq</a> 4. 白腹秧雞 <a href="https://youtu.be/qMDTZTKv6Mw">https://youtu.be/qMDTZTKv6Mw</a> 5. 2020 年最受歡迎的 10 篇環保議題文章 <a href="https://www.greenpeace.org/taiwan/update/23353/2020%E5%B9%B4%E7%B6%A0%E8%89%B2%E5%92%8C%E5%B9%B3%E5%A4%AF%E4%BB%80%E9%BA%BC%EF%BC%9F%E5%8D%83%E8%90%AC%E5%88%A5%E9%8C%AF%E9%81%8E%E6%9C%80%E5%8F%97%E6%AD%A1%E8%BF%8E%E7%9A%84%E7%AF%87%E7%92%B0?gclid=CjwKCAiAyPyQBhB6EiwAFUuaknNxsOewBFju7XE-jP2oetWj9KCA57k8mhLWLwI0Tq26lWr2ivbUmRoC_6MQAvD_BwE">https://www.greenpeace.org/taiwan/update/23353/2020%E5%B9%B4%E7%B6%A0%E8%89%B2%E5%92%8C%E5%B9%B3%E5%A4%AF%E4%BB%80%E9%BA%BC%EF%BC%9F%E5%8D%83%E8%90%AC%E5%88%A5%E9%8C%AF%E9%81%8E%E6%9C%80%E5%8F%97%E6%AD%A1%E8%BF%8E%E7%9A%84%E7%AF%87%E7%92%B0?gclid=CjwKCAiAyPyQBhB6EiwAFUuaknNxsOewBFju7XE-jP2oetWj9KCA57k8mhLWLwI0Tq26lWr2ivbUmRoC_6MQAvD_BwE</a>																		
先備知識	1. 從小一入學就開始接觸各科目 2. 每一個課程都由不同老師教授、議題跨域的結合課程體驗 3. 從期中與期末評量得知自己的學習成效 4. 已學過 Canva 軟體操作的知識及技能 5. 已學過心智圖法的概念統整分析訊息 6. 已會操作 i-Pad 及投影的技能																		
學習脈絡/ 節次教學 重點安排	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>活動發展分析</b> </div> 活動1 生態環境改變 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 15%; text-align: center;">覺察</td> <td>蒐集瀕臨滅種生物的資料，覺察人類行為對牠們產生的影響。</td> </tr> <tr> <td style="text-align: center;">分析與發表</td> <td>分析物種消失的原因，發表對人類破壞環境造成自然生態改變的看法。</td> </tr> <tr> <td style="text-align: center;">研究</td> <td>研究環境議題，了解經濟發展對生態環境的影響。</td> </tr> <tr> <td style="text-align: center;">關懷</td> <td>關懷不同的環境議題並提出個人看法。</td> </tr> <tr> <td style="text-align: center;">回饋與統整</td> <td>針對環境改變的優、缺點進行回饋與統整。</td> </tr> </table> 活動2 珍惜生態環境 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 15%; text-align: center;">分享與回顧</td> <td>分享植樹愛地球的概念，回顧個人曾落實的環保行動。</td> </tr> <tr> <td style="text-align: center;">規畫與實踐</td> <td>規畫具體可行的環境改善活動並實踐。</td> </tr> <tr> <td style="text-align: center;">統整與反思</td> <td>針對環保築夢計畫的執行結果進行統整與反思。</td> </tr> </table>			覺察	蒐集瀕臨滅種生物的資料，覺察人類行為對牠們產生的影響。	分析與發表	分析物種消失的原因，發表對人類破壞環境造成自然生態改變的看法。	研究	研究環境議題，了解經濟發展對生態環境的影響。	關懷	關懷不同的環境議題並提出個人看法。	回饋與統整	針對環境改變的優、缺點進行回饋與統整。	分享與回顧	分享植樹愛地球的概念，回顧個人曾落實的環保行動。	規畫與實踐	規畫具體可行的環境改善活動並實踐。	統整與反思	針對環保築夢計畫的執行結果進行統整與反思。
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<p><b>第一節</b> <b>第二節</b></p>	<p>一、引起動機 讓學生進行棲地縮小的體驗活動。</p> <p>二、發展活動</p> <ol style="list-style-type: none"> <li>1. 呈現幾張圖片關於環境汙染、垃圾爆量、海洋垃圾，讓學生觀察發表，並感受人類環境面臨的問題。</li> <li>2. 討論有哪些物種因人為破壞而消失的物種。</li> <li>3. 進而討論那些人類的行為會影響自然環境中生物的生存</li> <li>4. 製作報告電子海報(以心智圖的方式呈現)。</li> </ol> <p>三、統整活動 學生上台發表組內討論出來的受環境影響的物種，發表那些人類行為造成物種受到影響。</p>
<p><b>第三節</b> <b>第四節</b></p>	<p>一、暖身與複習 運用上次各組製作的電子海報，複習哪些人類行為會造成哪些物種的瀕危現象。</p> <p>二、發展活動</p> <ol style="list-style-type: none"> <li>1. 指導學生用「環境議題」關鍵字搜尋資料。</li> <li>2. 資料分析：以客觀立場分析環境議題，使用 4F 的架構，製作表格。</li> </ol> <p>三、統整活動 回溯反思關懷環境開發對自然生態的影響。</p>
<p><b>第五節</b> <b>第六節</b></p>	<p>一、暖身與複習 運用上次各組製作的表格，複習各組對環境議題的分析資料。</p> <p>二、發展活動</p> <ol style="list-style-type: none"> <li>1. 思考愛護環境應有的積極作為。</li> <li>2. 規畫可行的環保行動計畫並分組報告自己如何行動。</li> </ol> <p>三、統整活動 反思從各組的行動方案學習到什麼。</p>
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<p><b>第九節</b> <b>第十節</b></p>	<p>一、暖身與複習 複習各組的行動方案。</p> <p>二、發展活動</p> <ol style="list-style-type: none"> <li>1. 執行環保行動並檢視環保行動的執行成效。</li> </ol> <p>三、統整活動 反思檢視環保行動對自己的影響。</p>

能力指標	<p>4-3-3 覺察環境的改變與破壞可能帶來的危險，並珍惜生態環境與資源。</p> <p>4-3-3-1 透過各種資訊，覺察及探討環境的改變可能帶來的危險。</p> <p>4-3-3-2 覺察因人為的破壞，對環境所造成的影響。</p> <p>4-3-3-3 分享環境保護的方法與行動，並珍惜資源及生態。</p>									
教學目標	<ol style="list-style-type: none"> <li>1. 蒐集保育生物的資料，覺察人類行為對牠們的影響，分析物種消失的原因，發表對人類破壞環境造成自然生態改變的看法。(第一、二節)</li> <li>2. 研究環境議題，了解經濟發展對生態環境的影響，關懷不同的環境議題並提出個人看法，指導學生用「環境議題」關鍵字搜尋資料，以客觀立場分析環境議題，使用 4F 的架構，製作表格。(第三、四節)</li> <li>3. 思考愛護環境應有的積極作為，規畫可行的環保行動計畫並分組報告自己如何行動。(第五、六節)</li> <li>4. 發表自己如何在生活中落實環保行動，帶動環保的風氣，思考過程會遇到的困難以及如何調整自己的行動方案。(第七、八節)</li> <li>5. 執行環保行動並檢視環保行動的執行成效，並反思自己的行為帶來的影響。(第九、十節)</li> <li>6. 學生能將所學之上學前準備工作於真實生活中實踐，並找出最適合自己的模式。(Attitude)</li> <li>7. 學生樂於參與雙語課堂學習活動，能與同儕合作，並能透過中文、簡易英文或其他方式清楚表達自己的想法。(Bilingual Learning Attitude)</li> </ol>									
教學方法	討論教學法、分組合作學習									
英語學習	<table border="1"> <thead> <tr> <th data-bbox="351 1104 873 1182">目標語 Language of Learning</th> <th data-bbox="880 1104 1434 1182">教師指導用語 Language for Learning</th> </tr> </thead> <tbody> <tr> <td data-bbox="351 1182 873 1480">           第一二節            Kinmen Otter            Horseshoe Crab            Burmese Python            White-breasted Waterhen            habitat            HIPPO effect            Habitat destruction            Invasive alien species            Pollution            Population growth            Overexploitation         </td> <td data-bbox="880 1182 1434 1480">           Please figure out the reasons for this kind of animal disappearing. Write them down on your worksheet!            Please figure out what we human beings have done to hurt these animals.            Now, pretend you are animals. The newspaper is your habitat.            Now, please fold the newspaper again.         </td> </tr> <tr> <td data-bbox="351 1480 873 1733">           第三四節            eco-friendly            save animals            Net Zero Emissions            Greenwashing            Legislate CSR (Corporate Social Responsibility)            IUU Fishing (Illegal, unreported)            Sustainable Energy            Microplastics            Climate Crisis         </td> <td data-bbox="880 1480 1434 1733">           Please use the i-Pad and use the keywords “eco-friendly” and “save animals” google and survey related issues.            Please tell us what you found?            Would you please write down what you have found on your worksheet?            Please use the 4F frame to analyze the topic.            Let’s review 4F one by one and you may write down on your worksheet.         </td> </tr> <tr> <td data-bbox="351 1733 873 2029">           第五六節            eco-friendly action            Clean-up your local community            Minimize waste            Do a little gardening            Get busy recycling            Stay in touch with nature            Buy local            Walk, bike, use public transit or carpool            Go vegetarian once a week            Start composting            Give it away         </td> <td data-bbox="880 1733 1434 2029">           Please think about what we could do to protect our earth.            You may use the i-Pad to “Google” some strategies about the topic you selected.            Please use “Canva” to make a poster based on your list.         </td> </tr> </tbody> </table>	目標語 Language of Learning	教師指導用語 Language for Learning	第一二節 Kinmen Otter Horseshoe Crab Burmese Python White-breasted Waterhen habitat HIPPO effect Habitat destruction Invasive alien species Pollution Population growth Overexploitation	Please figure out the reasons for this kind of animal disappearing. Write them down on your worksheet! Please figure out what we human beings have done to hurt these animals. Now, pretend you are animals. The newspaper is your habitat. Now, please fold the newspaper again.	第三四節 eco-friendly save animals Net Zero Emissions Greenwashing Legislate CSR (Corporate Social Responsibility) IUU Fishing (Illegal, unreported) Sustainable Energy Microplastics Climate Crisis	Please use the i-Pad and use the keywords “eco-friendly” and “save animals” google and survey related issues. Please tell us what you found? Would you please write down what you have found on your worksheet? Please use the 4F frame to analyze the topic. Let’s review 4F one by one and you may write down on your worksheet.	第五六節 eco-friendly action Clean-up your local community Minimize waste Do a little gardening Get busy recycling Stay in touch with nature Buy local Walk, bike, use public transit or carpool Go vegetarian once a week Start composting Give it away	Please think about what we could do to protect our earth. You may use the i-Pad to “Google” some strategies about the topic you selected. Please use “Canva” to make a poster based on your list.	
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	<p>第七八節 difficulty strategy Reduce Your Meat Consumption Be Economic with Paper Recycle Waste Unplug All Electric Devices When Not in Use Don't Just Dispose of Things Embrace Solar Panels Low-Energy Ways of Keeping Warm Get a Good Understanding of What You Buy</p>	<p>What is your plan for eco-friendly? Would you please share what we can do in our daily life to be eco-friendly? Please think about what kind of difficulty we may meet. Would you please share with your classmates what they might find difficult? Would you please think about it? How could we make our plan better?</p>	
	<p>第九十節 eco-friendly action keep doing Plant trees</p>	<p>Let's review your plan. Let's start to act on your plan in your daily life. After your action..... Let's take a look at what you did. Please think about your actions. Do you think it's good for you? Do you feel good when you do it? When you do something good, are you happy? What can you keep doing in your daily life?</p>	
教學準備	PPT、報紙、學習單、平板、Canva 軟體		

教學目標	教學活動	教具	評量
1-1 覺察人類行為對保育動物的影響	<p>第一節課：</p> <p>一、引起動機(10分鐘)</p> <p>1. 教師請學生分成兩組，一組分配一個報紙，請小組員都站到報紙上。 教師再請小組員想像這個報紙就是動物的棲息地，教師每讀一個人類行為(如:開通產業道路、開闢森林為農地等)就請每一組對折報紙，小組員都必須保持在報紙上代表動物的生存，離開報紙就代表因為棲息地被破壞而死亡。</p> <p>T: Now, we are going to divide into two groups. Five girls! You are in one group! Seven boys! You are in one group! Please stand up and stand on the newspapers. Now, pretend that you are an otter. The newspaper is your habitat. Otters are the engineers of nature. Now, when I say one thing that it influences the otters. Please fold the newspaper again. Once you fall out, it means you are dead. Your habitat is not enough for you. Now, please fold the newspaper again. Now, please fold the newspaper again. Could you find out the habitat is not enough? OK. Please go back to your seat. Please tell me what you think when you fall out of the paper. Ss:自由回答</p> <p>2. 教師呈現幾張圖片關於環境汙染、垃圾爆量、海洋垃圾，讓學生觀察發表，並感受人類環境面臨的問題。</p>	<p>報紙兩張 PPT</p> <p>PPT</p>	<p>實作評量</p> <p>發表評量</p>

<p>1-1 蒐集保育生物的資料，覺察人類行為對牠們的影響</p> <p>1-2 分析物種消失的原因</p>	<p>T: Please take a look at these pictures. Now, please tell me what you see? Ss:自由回答</p> <p>T: Take a guess! What kind of topic are we going to learn today? Do you know what happened in these pictures? Ss:自由回答</p> <hr/> <p>二、發展活動</p> <p>1. 以 YouTube 的短片分組提供學生觀賞檢視。教師提供金門歐亞水獺、金門鬣、金門緬甸蟒、白腹秧雞等四種生物提供共 6 組的學生選擇先觀看影片。(10 分鐘)</p> <p>T: Now please work in pairs. Please use your i-Pad to scan the QR code. There are 4 species of animals. They are Kinmen Otter, Horseshoe Crab, Burmese Python, White-breasted Waterhen. (1) Please choose 1 animal with your partner. Second, please watch the video together. (2) Please figure out the reasons for this kind of animal disappearing. Write them down on your worksheet! Ss:寫在學習單上，自由回答。</p> <p>2. 請學生討論有哪些物種正在消失當中。(5 分鐘)</p> <p>T: Now, It's talk time! Please tell us what kind of animal is disappearing.</p> <p>3. 教師再提問，請學生討論那些人類的行為會影響自然環境中生物的生存。(10 分鐘)</p> <p>T: Please figure out what we human beings have done to hurt these animals. You may Google the keyword "animals endangered" to figure out the reasons. You could write your draft on your worksheet.</p> <p>4. 小組先簡單對全班發表自己的發現。(5 分鐘)</p> <p>T: Please tell us what you have found. What do you think when you fall out of the paper?</p>	<p>PPT i-Pad worksheet</p> <p>PPT i-Pad worksheet</p>	<p>實作評量</p> <p>實作評量</p>
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1-3 發表 對人類破壞環境造成自然生態改變的看法	<p>5. 教師將學生的報告內容統整成人類危害生物多樣性 5 個主要因子： (5 分鐘) H — 棲地破壞 (Habitat destruction) I — 外來入侵種 (Invasive alien species) P — 污染 (Pollution) P — 人口增加 (Population growth) O — 過度利用 (Overexploitation) 把字首合起來剛好是河馬(Hippopotamus)的英文簡稱 <b>HIPPO</b> 中文就直接叫他「河馬效應」了。 T: There are five main factors that endanger biodiversity. Habitat destruction Invasive alien species Pollution Population growth Overexploitation That is just the “HIPPO effect”. (第一節結束)</p> <hr/>	PPT i-Pad worksheet	實作評量
	<p>6. 複習上一節課類危害生物多樣性 5 個主要因子 (5 分鐘) T: Let's review the “HIPPO effect”.</p> <p>7. 製作報告電子海報(以心智圖的方式呈現)。 (25 分鐘) T: Now please open the “Canva” on your i-Pad. Do you still remember what HIPPO is? Let’s take a look. -Habitat destruction -Invasive alien species -Pollution -Population growth -Overexploitation Please make a Mind Map to analyze the “HIPPO effect” related to the 4 species in Kinmen. What have we human beings done to hurt these animals? Please list down why they are endangered. There should be at least 3 reasons in your Mind Map.</p> <hr/> <p>三、統整活動(10 分鐘)</p>		

	<p>學生上台發表組內討論出來的受環境影響的物種，發表那些人類行為造成物種受到影響。</p> <p>T: Please share your Mind Map with your classmates.</p> <p>第一、二節課結束</p>		
2-1 研究環境議題，了解經濟發展對生態環境的影響	<p>第三、四節課：</p> <p>一、暖身與複習</p> <p>運用上次各組製作的電子海報，複習哪些人類行為會造成哪些物種的瀕危現象。</p> <p>T: Let's review your Mind Map.</p> <p>Do you remember?</p> <p>What things lead to these animals in danger?</p> <p>Do you remember HIPPO?</p> <p>-Habitat destruction</p> <p>-Invasive alien species</p> <p>-Pollution</p> <p>-Population growth</p> <p>-Overexploitation</p>	<b>PPT i-Pad</b>	發表評量
2-2 關懷不同的環境議題並提出個人看法，指導學生用「環境議題」關鍵字搜尋資料	<p>二、發展活動</p> <p>1. 指導學生用「動物保育」關鍵字搜尋資料。</p> <p>T: Please use the i-Pad and use the keywords “save animals” google and survey related issues.</p> <p>Please tell us what you found?</p> <p>Ss: 自由回答</p> <p>參考資料：</p> <p>(1) 淨零排放 Net Zero Emissions</p> <p>(2) 遏止不良企業的漂綠伎倆 Greenwashing</p> <p>(3) 立法「社會責任」 Legislate CSR (Corporate Social Responsibility)</p> <p>(4) 非法捕魚 IUU Fishing (Illegal, unreported, unregulated fishing)</p> <p>(5) 天然氣與核能預備重返永續舞台 Sustainable Energy</p> <p>(6) 塑膠微粒 Microplastics</p> <p>(7) 氣候危機 Climate Crisis</p>	<b>PPT i-Pad worksheet</b>	實作評量
2-3 以客觀立場分析環境議題，使用	<p>Would you please write down what you have found on your worksheet?</p> <p>2. 資料分析：以客觀立場分析環境議題，使用 4F 的架構，製作表格。</p> <p>T: Please use the 4F frame to analyze the topic.</p> <p>Let's review 4F one by one and you may write down on your worksheet.</p> <p>What is 4F?</p>	<b>PPT i-Pad worksheet</b>	實作評量

<p>4F 的架構，製作表格</p>	<p>☆ 事實 Facts What is the topic your group selected? What is the fact of this topic?</p> <p>☆ 感受 Feelings How do you feel about this topic? Sad? Surprise? Shocked?</p> <p>☆ 發現 Findings What do you find in this topic to protect our earth? Do you know this topic related to what kind of pollution? How is this topic related to our life? Please make a graph of 因果關係圖 Cause and Effect. Show us what you found.</p> <p>☆ 將來 Future What would you do in your life to protect the animal? Please list it down.</p> <hr/> <p>三、統整活動 回溯反思關懷環境開發對自然生態的影響。 T: Please think about how “environment development” influences our nature. 第三、四節結束</p>	<p>PPT</p>	<p>發表評量</p>
<p>3-1 思考 愛護環境應有的積極作為，規畫可行的環保行動計畫</p>	<p>第五、六節課： 一、暖身與複習 運用上次各組製作的表格，複習各組對環境議題的分析資料。 T: Let’s review the table you made last time. Think about the topic of ecology.</p> <hr/> <p>二、發展活動 1. 思考保育動物應有的積極作為。 T: Please think about what we could do to protect the animal. Ss: 自由回答 T: You may use the i-Pad to “Google” some strategies about the topic you selected. Ss: 自由回答 參考答案:</p>	<p>PPT i-Pad</p>	<p>實作評量</p>



<p>3-2 分組 報告自己 如何行動</p>	<ol style="list-style-type: none"> <li>1.不要食山產店非法獵取的鳥獸或河川魚蝦。</li> <li>2.不要購買或飼養野生動物，愛牠就讓牠自由的在原野奔馳飛翔。</li> <li>3.不要購買象牙及珍貴稀有動物之毛皮、標本當服飾或裝飾品。</li> <li>4.不盲目購買野生動物放生，以免放生不成反成殺生。</li> <li>5.不要使用犀牛角及虎骨做藥物。</li> <li>6.發現有人非法狩獵及電魚時，請通知有關單位取締。</li> <li>7.積極參與保育野生動物的各種活動。</li> </ol> <p>T: You may use the keyword “animal-friendly action” 「友善動物行動」 to "Google". Moreover, please list down what we can do to protect the animal.</p> <p>Ss: 自由回答 參考資料 Clean-up your local community Minimize waste Do a little gardening Get busy recycling Stay in touch with nature Buy local Walk, bike, use public transit or carpool Go vegetarian once a week Start composting Give it away. Before you throw something away, think about if someone else might need it. Spay and neuter. Never buy an animal from a pet shop. Never give an animal as a gift. Report abuse. Consider a more plant-based diet. Drink alternatives to cow’s milk. Eat alternatives to meat. Choose organic, free-range chicken. Choose organic, grass-fed beef. Choose non-animal fabrics. Find alternatives to zoos.</p> <ol style="list-style-type: none"> <li>2. 規畫可行的環保行動計畫並分組報告自己將如何行動。</li> </ol> <p>T: Please use “Canva” to make a poster based on your plan of what you are going to take.</p> <p>Ss: 自由回答</p> <p>T: Now, please share your team work with your classmates.</p>	<p><b>PPT i-Pad</b></p>	<p>實作評量</p>
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<p>4-1 發表自己如何在生活中落實環保行動，帶動環保的風氣</p> <p>4-2 思考過程會遇到的困難以及如何調整自己的行動方案</p>	<p>第七、八節課：          一、暖身與複習          複習各組的行動方案。          T: Let's review what you made last week.          What is your plan for an animal-friendly environment?</p> <hr/>	<p><b>PPT i-Pad</b></p>	<p>發表評量</p>
	<p>二、發展活動</p> <p>1. 發表自己如何在生活中落實保育行動，帶動保育的風氣。          T: Would you please share what we can do in our daily life to be animal-friendly?          Ss:自由回答          參考資料          Reduce Your Meat Consumption          Don't Just Dispose of Things          Get a Good Understanding of What You Buy          Plant trees          Vegan products/ animal friendly products and more          Always buy cruelty-free products.          Educate others.          Make a donation.          Support whale watching.          Use an alternative to mothballs.</p> <p>2. 思考自己的行動方案是否會遇到任何的困難，思考要如何調整自己的行動方案。          T: Please think about what kind of difficulty we may meet.          Would you please share with your classmates what they might find difficult?          Would you please think about it?          How could we make our plan better?</p> <hr/>	<p><b>PPT i-Pad</b></p>	<p>發表評量</p>
	<p>三、統整活動          發表自己在過程中在行動方案中做了什麼調整。          T: What can we do to make a better plan?          Please share your ideas with your classmates.</p>	<p><b>PPT</b></p>	<p>發表評量</p>

	第七、八節課結束		
5-1 執行 環保行動	第九、十節課： 一、暖身與複習 複習各組的行動方案。 T: Let's review your plan. What is your “eco-friendly action”? <hr/> 二、發展活動	<b>PPT</b>        <b>PPT</b>	活動參與        實作評量

<p>並檢視環保行動的執行成效</p>	<p>1. 執行環保行動並檢視環保行動的執行成效。          了解學區內有那些商家執行友善環境的行為 (如提供紙吸管 或 鼓勵自備容器) <b>make a list of these stores.</b> 或說服商家及家長多做對地球 動物友善的事 (不買吻仔魚等)  <b>T: Let's start to act on your plan in your daily life.</b>  <b>After your action.....</b>  <b>Let's take a look at what you did.</b>  <b>Plant trees? Reduce recycle waste?</b>  <b>Ss: 自由回答</b></p> <p>2. We are going to plant some fruit trees in school.          Do you know lemon, papaya, and guava?          Do you know what animals like these fruits?          Butterflies? Insects?          Birds?</p> <p>Let's take a look at what we can do for the trees!          (預定 5/18 配合 Fulbright 基金會植樹的活動，在種樹前 先請學生了解種檸檬 木瓜 番石榴可以嘉惠那些校園中常見的生物)</p>		<p>活動參與</p>
<p>5-2 反思自己的行為帶來的影響</p>	<p>三、統整活動          反思檢視環保行動對自己的影響。  <b>T: Please think about your actions.</b>  <b>Do you think it's good for you?</b>  <b>Do you feel good when you do it?</b>  <b>When you do something good, are you happy?</b>  <b>What can you keep doing in your daily life?</b>          第九、十節課結束</p>	<p>PPT</p>	<p>發表評量</p>
<p>備註</p>	<p><b>事實 Facts</b>          方塊代表的是經驗最初的面貌，它有很多面，正如鑽石的多面性，因此，我們可以用他來比喻「事實」，透過不同角度的觀察，以描述事件和經驗。</p> <p><b>感受 Feelings</b>          以紅心代表個人的感覺和情緒，表達內心所要分享的主觀感受或直覺。</p> <p><b>發現 Findings</b>          黑桃代表尋索內心的一把鑰子，表示挖的更深入，在此提出的問題通常是要尋找原因、解釋、判斷或澄清信念。經過本階段詳盡的思考，能總結出經驗對個人或群體所帶來的意義。</p> <p><b>將來 Future</b>          多瓣的梅花代表多向度的前瞻思考，思考如何把經驗轉化和應用在未來的生活中，可能包括行動計畫、學習計畫、預測未來、思考可能性、描述有哪些選擇、想像或是夢想。</p>		