

新北市 108 年度教師跨領域全英語授課教案設計
(參考範例-課程實施後)

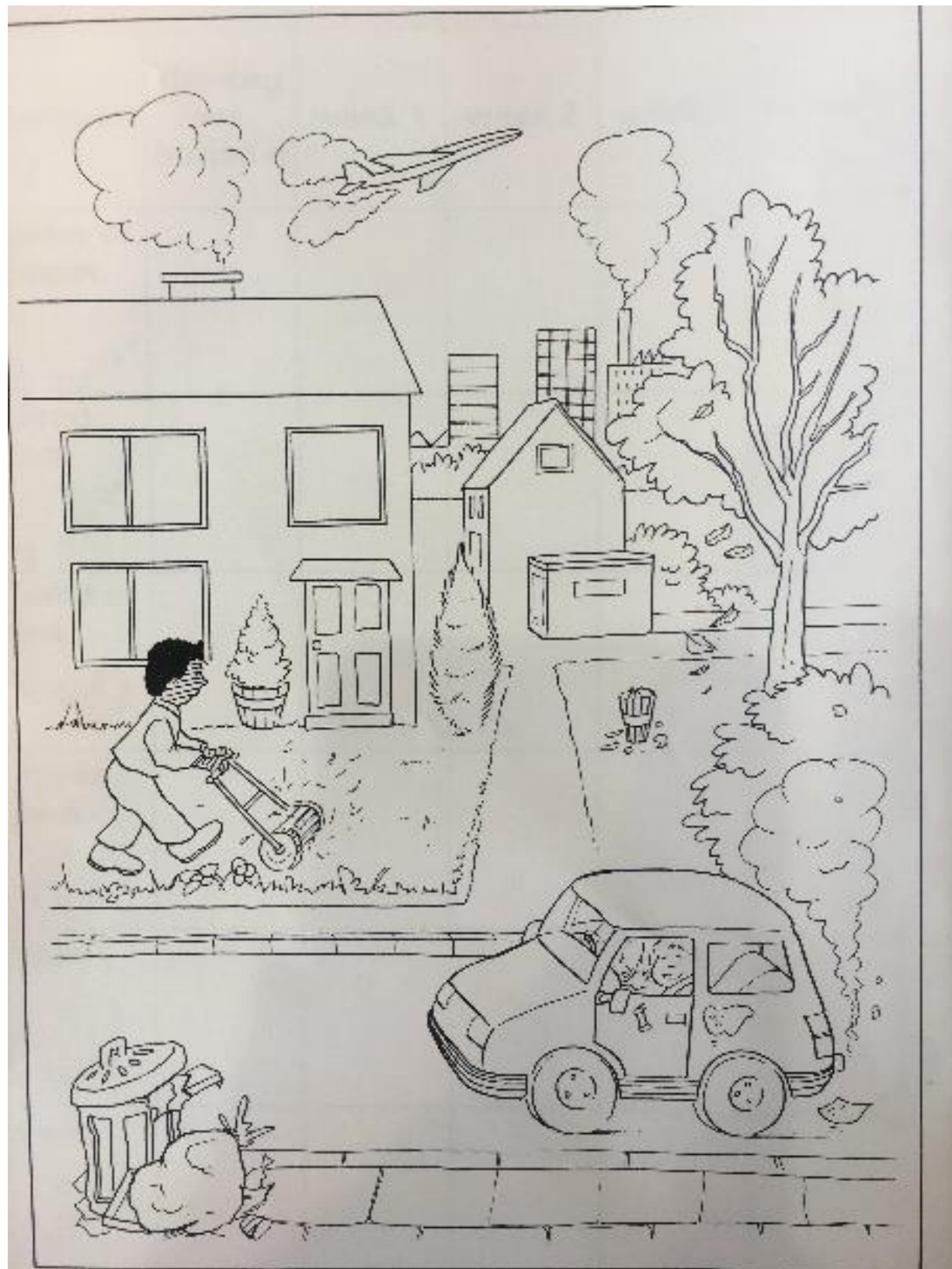
設計者 / 服務學校	陳明芳 陳怡君 楊振印/鷺江國小	
教案名稱	Environmental Protection	
教學年級：國小 <u>六</u> 年級	預計課程上使用之英語比例： 80 % (使用英語比例係指教師以英語授課之時間佔總授課時間之比率)	
學生人數:27人	教學總節數:4節	預計公開授課內容為第2節
預計公開授課之時間： _108_年_10_月_18_日 _09_時_25_分至_10時_15_分 (第_2_節課)	預計公開授課之地點： 新北市蘆洲區鷺江國小 英語情境教室 203 教室	預計公開授課之教師： 姓名：陳明芳陳怡君 服務學校：鷺江國小 專長領域:英語

核 心 素 養	總 綱	C1 道德實踐與公民意識 B1 符號運用 與 溝通表達
	領 綱	綜-E-C1 關懷生態環境與周遭人事物，體驗服務歷程與樂趣，理解並遵守道德規範，培養公民意識。 環 C1 能主動關注與環境相關的公共議題，並積極參與相關的社會活動，關懷自然生態與人類永續發展。 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。
學 習 重 點	學習表現	3d-III-1 實踐環境友善行動，珍惜生態資源與環境 1-III-7 能聽懂簡易的教室用語。 1- III-8 能聽懂簡易的日常生活用語。 2- B-III-2 國小階段 所學字詞及句 型的生活溝 通。
	學習內容	Cd-III-1 生態資源及其與環境的相關。 Cd-III-2 人類對環境及生態資源的影響。 Cd-III-3 生態資源與環境保護行動的執行。 Cd-III-4 珍惜生態資源與環境保護情懷的展現。

	<p>possible waste around the day.</p> <p><u>Activity 2: How long until it is gone?</u> 1. T presents several items and Ss answer how long it can break down.</p> <p><u>Activity 3: Waste Hierarchy & Zero waste movement</u></p> <p>1. Introduce the concept of waste hierarchy: It is the order of priority of actions to be taken to reduce the amount of waste generated, and to improve overall waste management processes and programs.</p> <p>2. Introduce Zero waste movement</p> <p><u>Activity 4: Watch video</u></p> <p>1. Ss watch video: this family tries not to make trash</p> <p>2. Discuss ways to make zero trash (Ss can refer to their trash).</p> <p>3. Ss write down one way they can do to make zero trash and pledge.</p>	<p>10Mins.</p> <p>5Mins.</p> <p>15 Mins.</p>	<p>PPT</p> <p>PPT</p> <p>https://www.youtube.com/watch?v=67yX1C4gaDA</p>	<p>produce in the morning (afternoon, evening?)</p> <p><u>Activity 2:</u> 1. What is this? 2. Can it decompose? 3. How long does it take to break down?</p> <p><u>Activity 3:</u> 1. Which one is the most important? Reduce? Reuse? Recycle? 2. Do you know zero waste movement? 3. Is it possible to make zero waste?</p> <p><u>Activity 4:</u> 1. Let's watch a video about zero waste.. 2. Where do they go shopping? 3. How do they store their food? 4. How can you make zero trash? 5. What can you do? I can _____.</p>
第三節	<p>Activity 1: group discussion about ways to reuse waste.</p> <p>1. Gather some items of garbage.</p> <p>2. Place them on the table.</p> <p>Choose one item and ask Ss to identify it and explain how it can be reused.</p> <p>3. Tell Ss to think of other ways they could use the same item.</p> <p>Activity 2: watch video about "Reuse"</p> <p>1. Ss watch video: How to reuse everyday items</p>	<p>10Mins</p> <p>10mins</p>	<p>https://www.youtube.com/watch?v=XCmQhwoKb3A(How</p>	<p>1. What is this? 2. How it was used? 3. Can you use this in a different way?</p>

	<p>Activity 3: design your own craft</p> <ol style="list-style-type: none"> 1.T shows bird feeder example. 2.Ss design their own invention. 3.Draw pictures. 4.Each Group introduce their ideas. 	20mins		
<p>第四節</p>	<p>Warm up: T presents the work of Ss from previous class.</p> <p>Activity 1: Joseph had a little overcoat</p> <ol style="list-style-type: none"> 1. Ss watch the video of the story. 2. Practice words: overcoat, jacket, vest, scarf, necktie, handkerchief, button, suspenders 3. Ss record the sequence(overcoat, jacket, vest, scarf, necktie, handkerchief, button, suspenders) 4. Ss dress in the order of the sequence. <div data-bbox="237 999 660 1279" style="text-align: center;"> <p><i>Joseph Had a Little Overcoat</i> Vocabulary/Sequence/Sorting Cards</p> </div> <p>Activity 2: how to recycle</p> <ol style="list-style-type: none"> 1. Identify items that need to be recycled 2. How to prepare items for recycling. 3. Ss finish worksheet(6) <p>Activity 3: 3R's song</p> <ol style="list-style-type: none"> 1. Ss listen to 3R's song by Jack Johnson. 2. Each Ss say a sentence about what they can do to save the earth. 	<p>5Mins.</p> <p>15Mins</p> <p>20Mins.</p> <p>10Mins</p>	<p>PPT</p> <p>Worksheet (6)</p>	<p>1.Josheph had a little overcoat. It got old and worn. So he made a vest out of it.</p> <p>2.We should only put plastic bottles, plastic containers, cans, steel tins, glass bottles, paper, carboard in the recycling bin.</p> <p>T: We have learned about reduce/reuse. Today let's learn about recycle.</p>
<p>附錄 (學習單或其他教學相關資料)</p>				

Worksheet 1 Spot the waste



Worksheet 2 Waste words

Waste words



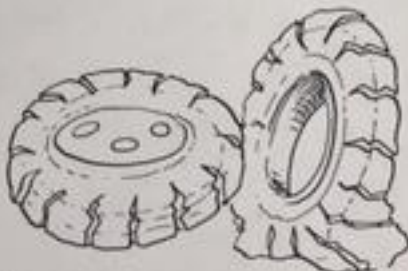
m					
---	--	--	--	--	--



p					
---	--	--	--	--	--



p					
---	--	--	--	--	--



g					
---	--	--	--	--	--

r					
---	--	--	--	--	--



Name _____

Where Does the Garbage Go?

What happens to the broken pencil you throw into the trash can at school? What about the old baseball cap you toss into the garbage at home? To find out where your garbage goes, follow the path. Trace each word. Color the pictures.

Begin

1

At home we put garbage in a



pail.

3

In some places garbage is sent to a

dump.

2

Trucks

come to pick up the trash.



Bulldozers dig up

4

dirt

to put over the trash.

End

5

Trash

is buried in the ground.



5

Other cities

burn their garbage.

6

The smoke

makes the air dirty.



7

On a farm food scraps are saved for the pigs.

farm

Worksheet 4 How long will it take?

MATERIAL DECOMPOSITION RATES From 2 Weeks to 40 years



Paper Towels



WEEKS



Orange or Banana Peel



WEEKS



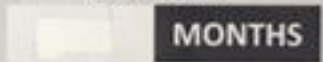
Apple Core



MONTHS



Cotton Shirt



MONTHS



Plywood



YEARS



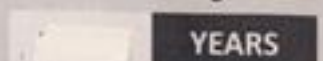
Cigarette Filter



YEARS



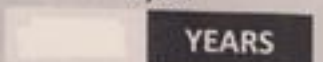
Plastic Bag



YEARS



Nylon




YEARS

Worksheet 5 Ways you can help

Write one more thing you can do to help save the Earth .

Draw a picture in the box.





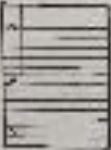

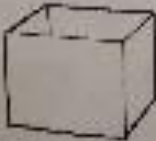
A large, empty rectangular box with a thin black border, intended for a student to draw a picture related to the prompt above.

Worksheet 6 How to recycle

The Wartville Wizard

How to Recycle

This handy chart will show you how to prepare items for recycling.

	Glass	Separate by color (clear, brown, green). Rinse bottles and jars. Labels may be left on.
	Newspaper	Bundle with twine, or stack inside paper grocery sacks. Keep magazines and school paper separate.
	Plastic	Separate by color (clear, green). Remove the caps. Rinse out the plastic bottles and jars.
	Clothing	Wash and dry old clothes before you recycle them.
	Paper	Use both sides of your paper. Stack used paper in cardboard boxes or in paper grocery bags.
	Aluminum	Flatten them to save space. Save aluminum foil, TV dinner trays, and pie pans, too.
	Cardboard Box	Flatten the boxes. Stack them on top of one another. Tie bundles with twine.