

附件四：

新北市111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	柑園國小陳吉美 鶯歌國小陳怡君 柑園國小黃承斌		
教案名稱	Reading Maps	領域	英語跨社會領域
教學年級：國小 <u>四</u> 年級	預計課程上使用之英語比例：90 % (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： <u>26</u> 人	教學總節數： <u>3</u> 節	預計公開授課內容為第 <u>1</u> 節	
預計公開授課之時間： 111年11月25日 10時30分至11時10分 (第三節課)	預計公開授課之地點： 新北市樹林區柑園國小 403教室	預計公開授課之教師： 姓名：陳吉美 服務學校：柑園國小 專長領域：英語	

核心素養	總 綱	A2 系統思考與解決問題 B1 符號運用與溝通表達 C2 人際關係與團隊合作
	領 綱	<p><b>英語文</b></p> <p>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。</p> <p>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。</p> <p>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。</p> <p><b>社會</b></p> <p>社-E-B1 透過語言、文字及圖像等表徵符號，理解人類生活的豐富面貌，並能運用多樣的表徵符號解釋相關訊息，達成溝通的目的，促進相互間的理解。</p> <p>社-E-C2 建立良好的人際互動關係，養成尊重差異、關懷他人及團隊合作的態度。</p>

學習重點	學習表現	<p><b>英語文</b></p> <p>◎1-II-7 能聽懂課堂中所學的字詞。</p> <p>◎1-II-10 能聽懂簡易句型的句子。</p> <p>*◎1-II-12 能聽懂簡易故事及短劇的主要內容。</p> <p>*◎3-II-6 能看懂繪本故事的主要內容。</p> <p>◎6-II-3 樂於回答老師或同學所提的問題。</p> <p>◎6-II-2 積極參與各種課堂練習活動。</p> <p><b>社會</b></p> <p>3b-II-2 摘取相關資料中的重點。</p> <p>3b-II-3 整理資料，製作成簡易的圖表，並加以說明</p> <p>3c-II-2 透過同儕合作進行體驗、探究與實作</p>
	學習內容	<p><b>英語文</b></p> <p>◎Ac-II-3 第二學習階段所學字詞。</p> <p>◎Ad-II-2 簡易常用的句型結構。</p> <p>*◎Ae-II-2 繪本故事、兒童短劇。</p> <p><b>社會</b></p> <p>Ab-II-1 居民的生活方式與空間利用，和其居住地方的自然、人文環境相互影響。</p>
具體學習目標		<ol style="list-style-type: none"> <li>學生能認識地圖的組成元素（標題、圖例、方位、比例尺）。</li> <li>學生能聽懂讀本內容，並與小組合作完成學習活動。</li> <li>學生能聽懂、說出並認讀與文本內容相關之單字與句子。 單字(1)：map, title, key, scale, compass rose 句型(1)：It's (a) <u>compass rose</u>.單字(2)：north, south, east, west 句型(2)：Which direction is it? It's <u>north</u>.</li> <li>學生能透過閱讀地圖，獲取相關資訊，完成 Holiyo 解謎任務。</li> <li>學生能區辨東、西、南、北之相對位置。</li> <li>學生能唱出 Directions Song 內容。</li> <li>學生能繪製簡易的教室地圖。</li> </ol>
與其他領域/科目/議題的連結		<p>社-E-B1 透過語言、文字及圖像等表徵符號，理解人類生活的豐富面貌，並能運用多樣的表徵符號解釋相關訊息，達成溝通的目的，促進相互間的理解。</p> <p>社-E-C2 建立良好的人際互動關係，養成尊重差異、關懷他人及團隊合作的態度。</p>
教學資源/設備需求		<p>■ 參考書目：</p> <p>《Reading Maps》by Ann Matzke</p> <p>《Map Symbols》by Terri Fields</p> <p>《North, South, East, and West》by Meg Greve</p> <p>■ 設備：</p> <p>電腦、投影機、iPad</p>

## 各節教學活動設計

節次	教學活動流程	時間	教學資源	教師語言
第一節	【引起動機】	3'	1. 讀本簡報 2. 地圖元素圖文配對 Wordwall 3. 圖例繪製套件(內含地圖底圖、小紙卡、萬用黏土、簽字筆) 4. Holiyo 實境解謎套件 (題本及地圖) 5. iPad	Good morning, everyone.  What's this?  What is a map?  What are the maps for? Maps help you find your way and places.
	1. 老師呈現生活中各種地圖。 2. 老師提問： “What's this?” 學生試著回答： “It's a google map.” “It's a world map.” “It's a MRT map.” 3. 老師提問： “What is a map?” 4. 老師再提問： “What are the maps for?” 學生試著回答： “It helps me find places.” “It helps me find the road.” “It helps me find a 7-11.”			
	【發展活動】	8'		Let's learn some things about maps.  What is the map about? How about this map?  They're names of the maps. We call them “titles(標題).”  Look at the map. What do you see?  Good. That's the “compass
	讀本《Reading Maps》 活動一 1. 老師播放讀本簡報，邊提問邊說出讀本內容。 2. 師生問答示例(教師以 T 表示，學生以 S 表示)： <b>(1) T: What is the map about?</b> S1: It's a world map. S2: It's a MRT map. T: How about this map? S: It's a school map. T: Maps have names. We call them “titles.” <b>(2) T: Look at the map. What do you see?</b> T: What's this? S: It's the “title.” T: Right. What else? S: 指南針 T: Good. That's the “compass rose.” It helps you know which way to go.			

	<p>S: 比例尺</p> <p>T: It's the "scale." A scale shows the distance between places on a map. It tells you how far they are in the real world.</p> <p>S: I see a box.</p> <p>T: That's right. This box is the "key." We can see some small pictures in the box. They are symbols. Look. This means the ocean. This means mountain. This is the lake.</p> <p>T: So, there are title, symbols, key, compass rose and scale on the map.</p> <p>T: Symbols may be pictures, lines, colors, or dots. Symbols stand for bigger things, like mountains, streets, or buildings.</p> <p>T: Can you find Gan Yuan Street on this map? Can you find the river? Can you find the convenience store?</p> <p><b>活動二 Features of Maps</b></p> <ol style="list-style-type: none"> <li>1. 老師先在螢幕上呈現「地圖元素圖文配對 Wordwall」示例，輪流邀請個別學生上台找出地圖組成元素。</li> <li>2. 發給各組一台 iPad，學生輪流完成地圖元素圖文配對 Wordwall。</li> </ol> <p><b>活動三 Drawing the Map Symbols</b></p> <ol style="list-style-type: none"> <li>1. 教師說明如何繪製圖例。</li> </ol> <p>T: Do you remember what a "key" is? Now let's draw the symbols and mark them on the map. For example, I want to mark a restaurant (餐廳) on the map. So, I draw the symbol on two stickers. Then paste one in the key box and paste the other on the map. <li>2. 發給各組圖例繪製套件(內含地圖底圖、小紙卡、萬用黏土、簽字筆)</li> <p>T: Come and get the pack. One person, one symbol.</p> </p>	<p>5'</p> <p>12'</p>	<p>rose." It helps you know which way to go.</p> <p>A scale shows the distance between places on a map. It tells you how far they are in the real world.</p> <p>This box is the "key." We can see some small pictures in the box. They are symbols.</p> <p>There are title, symbols, key, compass rose and scale on the map.</p> <p>Symbols may be pictures, lines, colors, or dots. Symbols stand for bigger things, like mountains, streets, or buildings.</p> <p>Can you find Gan Yuan Street on this map? Can you find the river? Can you find the convenience store?</p> <p>Here is a map. Please match the words and the map features.</p> <p>Please take out your iPad and take turns to do the matching. Please put away your iPads.</p> <p>Do you remember what key is?</p> <p>Let's draw the symbols and mark them on the map. For example, I want to mark a restaurant (餐廳) on the map. I draw the symbol on two stickers. Then paste one in the key box and paste the other on the map.</p> <p>Come and get the pack. One person, one symbol.</p>
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【統整與總結】

1. 老師發給各小組一張地圖，請學生拿起 iPad 連結老師預先設計好的 Holiyo 實境解謎題本。

T: Now we're going to do an activity called Holiyo. You need to read this map and find the answers.

T: Let me show you how to do it. Use the iPad and scan the QR Code. How many circles do you see?

S: Five.

T: Yes. There are five questions. You have to answer the five questions correctly. You can start from any one you like. For example, you can start from question one, question three, question five, or any question you like. When you finish all the five questions, all group members come here. We'll take a group picture.

T: Let's try it together. Choose one question. Look at the picture. What's this?




S: It's a hospital.

T: Right. Then type "1" in the box.

You're right. Then you can choose another question.

T: Please work together and solve the five questions. When you're done, bring your iPad to the front. I'll take a group photo for you.

2. 小組合作，根據地圖及所學之地圖認讀技能，解答數個謎題，謎題示例如下：

(1) What is  ?

(1) restaurant (2) school (3) zoo

12'

Now we're going to do an activity called Holiyo. You need to read this map and find the answers.

Let me show you how to do it. How many circles do you see?

There are five questions. You have to answer the five questions correctly. You can start from any one you like. For example, you can start from question one, question three, question five, or any question you like.

Let's try it together. Use your iPad and scan the QR Code. Choose one question. Look at the picture. What's this?

Right. Then type "1" in the box. You're right. Then you can choose another question.

Come get your iPad again. Please work together and solve the five questions. When you're done, bring your iPad to the front. I'll take a group photo for you.

	<p>[Answer: 1]</p> <p>(2) Mos Burger is on ___ Rd. [Answer: Xuecheng]</p> <p>(3) I'm in Gan Yuan Elementary School. Which one is nearer, A or B? [Answer: A]</p> <p>(4) What's this? (指南針圖片) (1) scale (2) key (3) compass [Answer: 3]</p> <p>(5) How many schools can you find on this map? [Answer: 6]</p> <p>3. 完成五題解謎的小組，請找老師認證及拍照。</p> <p>4. 複習。</p> <p>(1) T: What is a map? (2) T: What are the maps for? Ans: Maps help you find your way and places. (3) T: What are the five elements? Ans: They are title, symbols, key, compass rose and scale.</p>			<p>What is a map? What are the maps for? Maps help you find your way and places.</p> <p>They are title, symbols, key, compass rose and scale.</p>
<p>第二節</p>	<p style="text-align: center;"><b>【引起動機】</b></p> <p>1. 教師提問地圖的組成元素有哪些。 T: What are the features of a map? S: They are title, key, scale, and compass</p> <p>2. 複習常見的地圖圖例。 T: Let's look at the key. What's this? S: It's a restaurant. T: Can you find a restaurant on the map?</p> <p style="text-align: center;"><b>【發展活動】</b></p> <p>讀本《North, South, East, and West》</p> <p>活動一</p> <p>老師播放讀本簡報，邊提問邊說出讀本內容。(教師以T表示)</p> <p><b>T: Where is north / south/ east/ west?</b> T: It's at the top of the map.</p>	<p>5'</p> <p>8'</p>	<p>1. 方位圖卡、字卡 2. 方位學習單</p>	<p>Good morning, everyone. Last time, we've learned to read a map. What are the features of a map?</p> <p>Let's look at the Key. What's this? Can you find a restaurant on the map?</p> <p>Where is north / south/ east/ west? It's at the top of the map.</p>

<p>It's at the bottom of the map. It's on the right of the map, where the Sun rises. It's on the left of the map, where the Sun sets.</p> <p><b>活動二 Directions</b></p> <ol style="list-style-type: none"> <li>老師先在黑板上呈現一張指南針圖卡及四張方位字卡，請學生根據教師口說提示，找到對應的單字字卡。引導學生唸出主句型 "It's <u>north</u>." <b>示例：</b> (1) 老師說：Which direction is it? It's <u>north</u>. 並輔以肢體動作。 (2) 邀請學生上台，找出 north 單字字卡，並將該卡貼在圖卡下方。 (3) 老師引導學生唸出："It's <u>north</u>." 2. 老師依序呈現及帶唸其他單字：north, south, east, west 3. 老師依序引導學生運用句型 Which direction is it? It's <u>north</u>. 進行口語練習。</li> </ol>	7'	<p>It's at the bottom of the map. It's on the right of the map, where the Sun rises. It's on the left of the map, where the Sun sets.</p> <p>This is a compass. Please match the words and directions.</p> <p>Which direction is it? Excellent. It's north.</p> <p>Who can help me paste the word "north" on the picture?</p>
<p><b>活動三 Run, Run, Directions</b></p> <p>教師扮演太陽，在教室中更換位置。請學生扮演羅盤上的東西南北方位，根據太陽位置，站在對應的位置。</p> <p>T: I need four volunteers. Please come to the front. You are the North. You are the South. You are the East. You are the West. T: Now I am the sun. Please stand at the right places. T: Good job! Go back to your seats. I need another four volunteers.</p>	5'	<p>I need four volunteers. Please come to the front. You are the North. You are the South. You are the East. You are the West.</p> <p>Now I am the sun. Please stand at the right places.</p> <p>Good job! Go back to your seats. I need another four volunteers.</p>
<p><b>活動四 Directions Finding</b></p> <ol style="list-style-type: none"> <li>教師發給各小組一張方位學習單。</li> <li>小組合作，在四個不同的羅盤上，標示出對應的方位。</li> <li>全班核對配對結果，並唸出本單元主要句型 "It's north. It's south. It's east. It's</li> </ol>	5'	<p>Let's find directions. There are four compasses on this worksheet. Please write down all the directions on each compass.</p> <p>Let's check the answers.</p>





	<p>1. 教師發給各組一張 A3 方格學習單。</p> <p>2. 教師以 iPad 投影至螢幕，逐步示範引導學生如何繪製一張教室地圖。</p> <p>(1) Let's make a map of classroom.</p> <p>(2) Write down the title "Map of My Classroom" on the top of graph paper.</p> <p>(3) Draw the compass.</p> <p>(4) Draw the symbols in the key.</p> <p>(5) Measure the classroom with your footsteps. Each footstep equals one square on the graph paper.</p> <p>(6) Count your footsteps in both directions.</p> <p>(7) Then count the same number of squares on the paper.</p> <p>(8) Draw the shape of the classroom.</p> <p>(9) Now count the number of footsteps to different things in the classroom.</p> <p>(10) Draw these things on your map.</p> <p>(11) Then color your map.</p> <p><b>活動二</b></p> <p>小組分工合作，依步驟繪製教室地圖。</p> <p><b>【統整與總結】</b></p> <p>1. 小組在教室不同牆面上，展示地圖繪製作品。</p> <p>2. 教師發給每生二張便利貼。</p> <p>3. Gallery Walk Time：學生在教室內走動、觀摩各組作品，並在便利貼上書寫正向且具體的回饋文字，提供該組參考。</p>	23'		<p>(1) Let's make a map of classroom step by step.</p> <p>(2) Write down the title "Map of My Classroom" on the top of graph paper.</p> <p>(3) Draw the compass.</p> <p>(4) Draw the symbols in the key.</p> <p>(5) Measure the classroom with your footsteps. Each footstep equals one square on the graph paper.</p> <p>(6) Count your footsteps in both directions.</p> <p>(7) Then count the same number of squares on the paper.</p> <p>(8) Draw the shape of the classroom.</p> <p>(9) Now count the number of footsteps to different things in the classroom.</p> <p>(10) Draw these things on your map.</p> <p>(11) Then color your map.</p> <p>Please stick your maps on the wall.</p> <p>Everyone has two post-its. Walk around the classroom and write down your feedback on the post-its. Then place the post-its on the edge of the map.</p>
<b>附錄（學習單或其他教學相關資料）</b>				
<p>1. 圖例學習單_以學校社區為例</p> <p>2. Holiyo 實境解謎題本</p> <p>3. 方位學習單</p> <p>4. A3 方格學習單</p>				

附件一：圖例學習單\_以學校社區為例

**My School Neighborhood**

Ganyuan St. Sec. 1 柑園街一段

Ganyuan St. Sec. 2 柑園街二段

Jiayuan Rd. Sec. 3 佳園路三段

GYES

**Map Key**

- restaurant (餐廳)
- police office (警局)
- convenience store (便利商店)
- post office (郵局)
- gas station (加油站)

### Holiyo Map Challenge

1 Start from any door.

2 Use the map.

3 All pass! GO! Ms. Chen

新遊戲

1 2 3

4 5

進行時間：00:04

開始遊戲

### Q1. What's this?

1. restaurant 餐廳

2. school 學校

3. zoo 動物園

### Q2. Mos Burger is on \_\_\_\_ Rd.

1. Dacheng

2. Xuecheng

3. Jiayuan

### Q3. I'm in Gan Yuan Elementary School. Look at the map. Which one is nearer, A or B?

### Q4. What's this?

1. scale

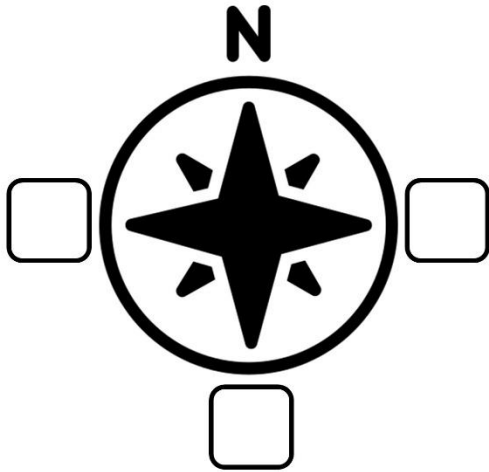
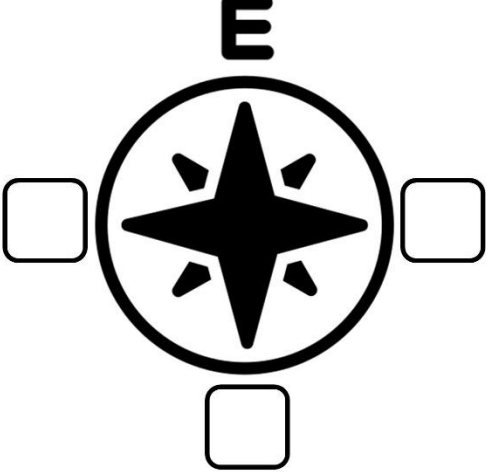
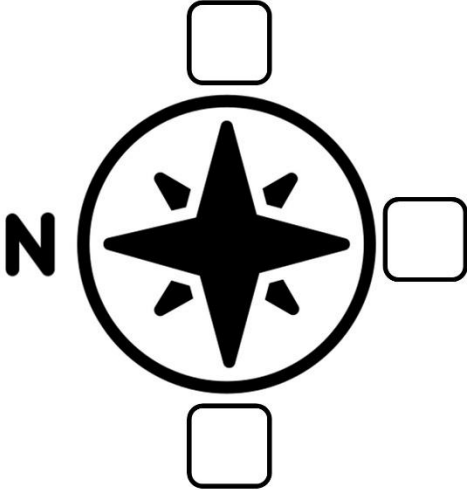
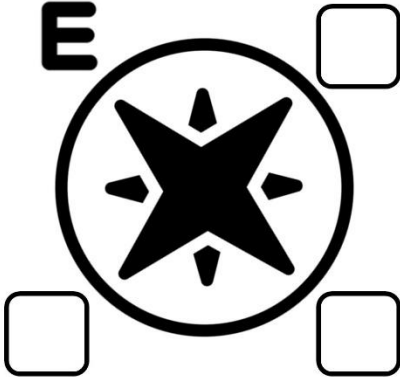
2. map key

3. compass

### Q5. How many schools can you find on this map?

# Tell Directions

Write down the directions: N (North), S (South), E (East), W (West)

<p>①</p>  <p>A compass rose with a four-pointed star. The letter 'N' is at the top. There are three empty boxes: one on the left, one on the right, and one at the bottom.</p>	<p>②</p>  <p>A compass rose with a four-pointed star. The letter 'E' is at the top. There are three empty boxes: one on the left, one on the right, and one at the bottom.</p>
<p>③</p>  <p>A compass rose with a four-pointed star. The letter 'N' is on the left. There are three empty boxes: one at the top, one on the right, and one at the bottom.</p>	<p>④</p>  <p>A compass rose with a four-pointed star. The letter 'E' is at the top-left. There are three empty boxes: one at the top-right, one at the bottom-left, and one at the bottom-right.</p>

