新北市111年度教師跨領域全英語授課教案設計

設計者/ 服務學校	張育綾/鄧公國小				
教案名稱	Surviving an Earthquake 領力			英語跨 <u>健體</u> 領域	
教學年級:國	教學年級:國小四年級		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:_25_人		教學總節數: <u>4</u> 節		預計公開授課內容為第2節	
預計公開授課之時間: 2022年11月24日 10時30分至11時10分 (第3節課)		預計公開授課之地 新北市淡水區鄧公 英語教室 1		預計公開授課之教師: 姓名:張育綾 服務學校:鄧公國小 專長領域:英語	

		健體領域
總	總綱	A2 系統思考與解決問題
	<i>200 2</i> 00	英語領域
核		A2 系統思考與解決問題
No.		健體領域
素		健體-E-A2 具備探索身體活動與健康生活問題的思考能力,並透過體驗與實
養	領綱	踐,處理日常生活中運動與健康的問題。
	रम् अन्।	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。
		健體領域
		1b-II-2 辨別生活情境中適用的健康技能和生活技能。
學		英語領域
習		◎2-Ⅱ-3 能說出課堂中所學的字詞。
重	學習表現	◎2-Ⅱ-6 能以正確的發音及適切的語調說出簡易句型的句子。
點		◎3-Ⅱ-2 能辨識課堂中所學的字詞。
,,,-		◎3-Ⅱ-3 能看懂課堂中所學的句子
		◎5-Ⅱ-2 在聽讀時,能辨識書本中相對應的書寫文字。
		6-Ⅱ-1 能專注於教師的說明與演示。

	1	
		6-Ⅱ-2 積極參與各種課堂練習活動。
		6-Ⅱ-3 樂於回答教師或同學所提的問題。
		6-Ⅱ-4 認真完成教師交待的作業。
		7-Ⅱ-2 能妥善運用情境中的非語言訊息以幫助學習。
		建體領域
		Ba-Ⅱ-1 居家、交通及戶外環境的潛在危機與安全須 知。
		Ba-Ⅱ-3 防火、防震、防颱措施及逃生避難基本技巧。
		英語領域
	學習內容	◎Ab-Ⅱ-4 所學的字母拼讀規則。
		◎Ac-Ⅱ-1 簡易的教室用語。
		◎Ac-Ⅱ-2 簡易的生活用語。
		Ac-Ⅱ-3 第二學習階段所學字詞。
		B-Ⅱ-1 第二學習階段所學字詞及句型的生活溝通。
		1.能聽讀、認讀地震相關語詞與句型。
		單字:earthquake, shake(shaking), drop, cover, hold on, open space, go bag, first
		aid kit, flashlight, food, radio, water.
		句型:It's safe to <u>hide under a table</u> . /It's not safe to <u>take the elevator.</u>
且。	體學習目標	Do you need <u>water</u> in the go bag? Yes, we do. / No, we don't.
)	拉丁日日 小	We need <u>water</u> in the bag because <u>it's important</u> .
		2.能參與討論繪本。
		3.能依場所不同選擇適當避難位置。
		4.能說出地震來臨時如何選擇適當的保護措施。
		5. 能了解緊急避難包的功能及所需準備的物品。
		綜合領域
		綜-E-A3 規劃、執行學習及生活計畫,運用資源或策略,預防危機、保護自
		己,並以創新思考方式,因應日常生活情境。
		學習表現:
		3a-II-1 覺察生活中潛藏危機的情境,提出並演練減低或避免危險的方法。
		學習內容:
		Ca-II-2 生活周遭危機情境的辨識方法。
		Ca-II-3 生活周遭潛藏危機的處理與演練。
		防災教育
與其	他領域/科目/	防 E4 防災學校、防災社區、防災地圖、災害潛勢、及災害預警的內涵。
諄	人題的連結	防 E5 不同災害發生時的適當避難行為。
		防 E8 參與學校的防災疏散演練。
		防 E9 協助家人定期檢查及救包及防災器材的期限。
		環境教育
		環 E37 培養對災害的警覺心及敏感度,對災害有基本的理解,並能避免災害
		的發生。
		閱讀素養議題
		閱 E3 熟悉與學科學習相關的文本閱讀策略。
		閱 E4 中高年級後需發展長篇文本的閱讀理解能力。
		閱 E13 願意廣泛接觸不同類型及不同學科主題的文本。

教學資源/ 設備需求

E-Book "Is That an Earthquake?", 康軒 Wonder World 3 E-Book, PowerPoint, iPads, Liveworksheets activity (線上學習單), Wordwall Games, Seesaw App activities, Google Sites for this unit (https://reurl.cc/NGR595), Disaster Preparedness Supply Kit Checklist(紙本)

	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	Warm-up: 1. Show pictures or a video of a magnitude 6.9 earthquake occurred in Hualien on Sep. 18 this year. 2. Students describe what they see and what they might remembered. 3. Show a short clip of the video: "Sound of an Earthquake". https://youtu.be/4JBIx-Tk-OM 4. Ask students if they've ever heard any sound before or during an earthquake. What was it sound like? 5. Remind students that the noise of an earthquake could be scary and the little boy in the upcoming story is the kind of kid who's sensitive to sounds.	5 mins	Google Site: News link: https://reurl.cc/6L OpvZ Video link: https://youtu.be/K SQQf5hVLLE Sound of an Earthquake. https://youtu.be/4 JBIx-Tk-OM	• Good morning, boys and girls. How are you today? Great! • Look at the pictures. What are they about? • What do you see? (the falling building, debris, dust, rescue personnel, fire fighters) • Do you know the word "earthquake"? What does it mean? • Earthquake is a sudden shaking of the ground. • Before or during the earthquake, have you ever heard any noise? • Let's listen to the sound. How does it make you feel? • The sound of the earthquake could be scary, right? We're going to read a story about a boy who is scared of the noise.	
	【發展活動】 Presentation: E-Book Reading Before Reading: 1. Present the cover page of the book "Is That an Earthquake?" on the PowerPoint. 2. Have students talk about the information they can get from the cover. 3. Ask students to predict what's going to happen in the story. While Reading:	5 mins	Is That an Earthquake? by Alon Boyroll Plancier Cooper Bright Street Cooper E-Book: "Is That an Earthquake?" https://reurl.cc/Gx	◆Look at the cover page of the book. What do you see? (a boy, a dog) ◆ What's the story title? ◆ Where's the name of the author/ illustrator? What are their names? ◆ Guess what is going to happen to the boy? ◆ Good guess!	

			T	
	 Teacher reads the story through PowerPoint. Encourage students to read along. Repeat the repetitive text structure and emphasis on the use of rhyme. Invite students to repeat. Pause at various points for discussion or to clarify any difficulties with the reading. 	mins	2pKv PowerPoint	 Let's read the book together. Who is speaking here? Why is the house shaking? Who's answering the boy? How do you know? What should they do? Have you ever felt like this after an earthquake?
	After Reading: 1. Ask Ss to take out their iPads. Have students scan the QR code of the storybook. 2. Ss read along with the story video which teacher plays on the big screen simultaneously. Draw their attention to the sound effects and the readers' use of expression. 3. Have Ss work in pairs and reread the story together. 4. Ss scan the QR code of the Wordwall game. Ss put the illustrations and their descriptive phrases in order. 【統整與總結】 Wrap-up: 1. Check Ss' results on the leaderboard. Praise the Ss who did a good job. 2. Collect iPads.	7 mins	iPads Story Video: https://youtu.be/T RSvGEvwwT8 Book information: https://reurl.cc/Gx 2pKv Wordwall game Int 4th 2nd 5th 3nd 6th	Now please take out your iPad. Please scan the QR code for the book. Please show me your index finger. Now let's listen to the story again with your finger pointing to the words. Pay attention to the sounds. Please scroll down to next page. Do you remember these pictures? They are what happened in the story. Please scan the QR code for the game. After you're done with the game, please click on "Leaderboard" and enter your name. You can see the ranking. Please close all the iPad windows and
第二節	【引起動機】 Warm-up: 1. Review the story by watching the story video. 2. Teacher give the picture and sentences cards to random Ss. Have them put the cards on the blackboard in order.	5 mins	Story Video: https://youtu.be/f YYz1IjON4o	return your iPad. Good morning, boys and girls. Let's watch the video and review the story. If you can, read along with the story. What's the question the boy keeps asking?

3. Ss read the sentences together.

【發展活動】

Presentation I:

Earthquake Safety Tips

- 1. Watch the video from *Wonder World 3* E-book: "Earthquake Safety Tips"
- 2. Pause at any time when any question is asked by Ss. Or check students' comprehension by using mind mapping and questions asking. Questions can be:
 - ♦ What's the video about?
 - ◆ Where are the students?
 - What questions did the students ask to the teacher? What places did they mention?
 - •So, what do you do during an earthquake when you are in the classroom?
 - Can you stay near the windows during an earthquake?
 - ◆How about in bed? Can you run away?
 - Do you run into a house when you are outside during an earthquake?
 - ◆ What are the earthquake safety tips?



3. Play the earthquake siren sound file and have Ss practice "drop, cover and hold on".

Presentation II:

Seesaw Activity--What Should You Do During an Earthquake?

- Divide the students into 6 teams. Tell Ss that they will discuss about the safety tips for the following scenarios:
 - a. in the classroom
 - b. in a car
 - c. in the 7-11
 - d. at home

(Appendix 1)

Earthquake Safety Tips

https://youtu.be/J Hcpcx3CBdw

E-book

15

mins

- How many times does the boy ask the question?
- Please put the pictures in order according to the story.
- Now, match the sentences with the pictures.
- Let's read the sentences together.
- Now let's watch the video and see if you know all the safety tips.
- Any questions?
- What do you learn from the video?

- Can anybody come up and write the places we talk about on the mind map.
- Well done on completing the mind map.
- When you hear earthquake siren goes off, practice the three actions.

Seesaw QR code

Earthquake siren

sound:

https://youtu.be/N

ki-hflZAm8



(Appendix 2)

- You will be doing an Seesaw activity with your team members.
- Every team gets one location/place as the topic.
- Read the signs in the template, discuss with your team members and drag the icons to

15 mins

e. in bed f. at the park 2. Assign one scenario to each team. 3. Have Ss take out the iPads. 3. Have Ss get the iPads and scan the QR code. Team members will discuss and add response to the activity: "What should you do during an earthquake?" 4. Show students' work on the big screen and have each team shares their work. 【統整與總結】 Wrap-up: 1. Teacher gives comments on the group work	5 mins	Match the antercord with the pleases. IEE S. S.P. B. R. F. P. P. Witth the numbers by the pleases. IEE S. S.P. B. R. F J. L. Sale gaing part of an Ellips of the side. J. Tak Match printing and services of the side. J. Tak Match printing and services of the side. J. Tak Match printing and services of the side. J. Tak Match printing and services of the side. J. Tak Match services of the side. J. Tak Match printing and services, secondary and strategy. J. Tak Match printing and services, profitting of weaklings.	the column. You can also type, write or draw more answers. Now please take out your iPads. Scan the QR code, it will take you to Seesaw. Raise your hands if you have any question. Time's up! Please save your work. Let's take a look at your works. Excellent! Everyone did a wonderful job! Anyone wants to share your work? It's important to know what to do before during and
 Teacher gives comments on the group work and praise the group members who work well together. Teacher concludes that the safety tips are crucial for survival an earthquake. Today's Assignment (Homework): Liveworksheets Read and Number Activity. (For whom who has trouble doing it online at home, give out paper worksheet.) Collect iPads. 	mins	Liveworksheets: https://www.liveworksheets.com/fx311 3745tr (Appendix 3)	before, during and after the earthquake. For today's homework, please log into your Liveworksheets accounts and do the first worksheet in your workbook. If you want to do it on paper, come to me after class. Please line up and return your iPads.
【引起動機】 Warm-up: 1. Ask students what they remember from the previous class. Ask questions like: -What should you do during an earthquake when you are at home? -What should you do when you are in bed? -What should you do when you are outside? -Is it safe to take an elevator? Stay near trees? 2. Watch the video "Earthquake Safety Tips"	10 mins	Earthquake Safety Tips https://youtu.be/J Hcpcx3CBdw E-book	 Hello, everyone! Do you remember the earthquake safety tips? Let's practice: "drop, cover and hold on". Let's learn more about the earthquake safety tips.

again.		Earthquake siren	
3. Practice "drop, cover and hold on".		sound:	
·		https://youtu.be/N	
【發展活動】		ki-hflZAm8	
Presentation: Group Discussion			◆Everyone gets one
1. Give out worksheets: "What to do in an	25	PowerPoint/	worksheet please.
earthquake?" to Ss. Elaborate on the safety	mins	Worksheets of	◆Please write down
tips on p.12-13 of the picture book " <i>Is that an</i>		"What to do in an	your class, number
Earthquake?'. Have Ss fill in the blanks:		earthquake?"	and name.
I. Get a table quickly.		Class XO.1 News	Now, listen to the
II to a leg of the table so that		What to do in an earthquake? Outcombandage and ap 1, cet a sent autitio. Let I amen! 2,	audio and write down the words.
if the table moves, you can move with it.		If the both more, you can more with it. 1. If there are no tacket, more count from our more with an art from foot, and it is presented with the foot, and it is presented with the foot and it is a finite foot and it is a f	the words.
III. If there are no tables, move away from		A. If you are not one you cause uses not accommod. As you are not the governed and your theat with your heat with your hards.	
, curl up on the floor, and		(Appendix 4)	
your head with your hands, or		(Alpendix I)	
you could take cover in a doorway.			
IV. If you are outside, move into an			
space. Curl up on the ground and cover			
your head with your			
2. Invite students to review what they've			
-			♦ What else do you
learned, for example:			know about the safety
•If you are in bed, cover your head with a			tips?
pillow.			
Stay away from the windows.Don't use the elevator.			
		iPad	
◆Make a go bag. 3. Pass out iPads to students.		Seesaw link:	Scan the QR code and
4. Play Wordwall Quiz "Earthquake Safety		Seesaw link.	join the game.
			Click on the true or
Tips True or False" to check students			false bottom when
understanding about safety tips.			you see the picture. Please enter your
1 14 th do 10 11 1		* CT Drop	name or number after
【統整與總結】		True False	the name if you want
Wrap-up:	_	国 の景	to see your ranking.
1. Share students' results, take students	5		to see your runking.
questions if there's any. Discuss the	mins		◆Here's the result of
meanings of some challenging words.			the game. Nice work
2. Show the leaderboard and praise the			everyone!
students who do well.			◆Please return your
3. Collect iPads.			iPad.
【引起動機】			◆Do you remember the
Warm-up:		YouTube link:	earthquake safety
1. Review earthquake safety tips and have	10	https://youtu.be/7	tips?
students perform "drop, cover and hold on".	mins	diceQvTqE	◆Let's practice: "drop,

- 2. Show the video: "What to pack in an emergency kit."
- 3. Have students talk about what they see or hear in the video.

【發展活動】

Presentation: What to Pack in a Go Bag?

- 1. Teacher passes out the iPads to student.
- 2. Have students scan the QR code of the Seesaw classroom.
- 3. Students can discuss with their partner about what they should put in the Go Bag using the sentence: "I need water in the bag because it's important."
- 4. Teacher walks around and check students' work.
- 5. Ask students to turn in the iPads.
- 6. Present some of the great works on the screen.
- 7. Have volunteer Ss to talk about why he/she needs certain items. Use the sentence pattern: "We need water in the bag because it's important."

【統整與總結】

Wrap-up:

- 1. Pass out "Disaster Preparedness Supply Kit Checklist" to students.
- 2. Talk about the items on the list.
- 3. Ask students to prepare a Go Bag using the checklist when they go home.



cover and hold on".

- Let's watch the video.
- What was it about?
- ◆What did you see or hear in the video?
- Do you have a go bag at home?
- Do vou need water in the bag?
- Do you need food in the bag?
- 20 iPad for each mins team

Seesaw QR code



(Appendix 5)

♦ What else do you need? Talk with your team members and do the Seesaw activity together.

◆Please scan the QR code and do the Seesaw Activity.

- Raise your hand if you have any question.
- ♦Time's up. Please return your iPad.
- Anyone wants to share? What item do you need to put in the bag and why?
- Anyone wants talk about your work?
- You all did a good job!
- ♦You will get a checklist now. It's today's homework. When you go home, you can prepare your family's go bag.



om 🐧 om 🛦 om 🖥 om 🦡

mins

10

Checklist

https://cdn.teachertub e.com/doc604/34381. pdf

(Appendix 6)

附錄 (學習單或其他教學相關資料)

Please refer to Appendix 1-6

Appendix 1:

Flashcards for the 1st Class Period



A big logging truck rumbling and grumbling.



The twins jumping and bumping.



A long goods train trundling and rumbling.



The wind howling and growling, squeaking and creaking.



Dad's snoring rumbling and roaring, grumbling and wobbling.



This is an earthquake!

Appendix 2:

Seesaw Activity for the 2nd Class Period

404 鄧公國小英語課

November 20, 2022



Scan with Seesaw to add your response.



What should you do during an earthquake?

- 1. Get together with your team members. 找到你的組員。
- 2. 🛆 your team number in the top left circle. 在左上角的圈圈內寫下你的組別。
- 3. wour assigned senerio into the question. 根據你被分配到的問題,移動右上方的字詞至問句中。
- 4. Talk with your team members and 证 the signs. 與組員們討論並移動標示至框框中。
- 5. You can also add more answers by using $oldsymbol{T}$ or $oldsymbol{\Delta}$. 也可以打字或寫下其他答案(中英文皆可)。
- 6. 🗸 完成。



Appendix 3:

Liveworksheets Homework for the 2nd Class Period: https://www.liveworksheets.com/fx3113745tr

Match the sentences with the pictures. 請將文字與圖片配對。 Put the numbers by the pictures. 將號碼填在圖片旁邊。 1. A big logging truck rumbling and grumbling. 2. The twins jumping and bumping. 3. A long goods train trundling and rumbling. 4. The wind howling and growling, squeaking and creaking. 5. Dad's snoring rumbling and roaring, grumbling and wobbling. 6. This is an earthquake!

Appendix 4:

Worksheets of "What to do in an earthquake? for the 3rd Class Period:

	to do in an earthquake?	Is That an Earthquake? by Alan Boyruf Sarreller Congress
open windows hold	on under hands cover	Degle Common State of the
	1. Get a table quickly.	P. 12, 13.
Our house has stopped shaking, but I haven't!	2 to a leg of the table	e so that
	 if the table moves, you can move with 3. If there are no tables, move away from curl up on the floor, and you your hands, or you could take cover in 4. If you are outside, move into an Curl up on the ground and cover your 	our head with a doorway space.
		
	移動, curl up 蜷縮, floor 地板, take cover 找掩護 , open space 空曠處, ground 地面	Read the Story Watch the video on YouTube

Appendix 5:

Seesaw Activity for the 4th Class Period

404 鄧公國小英語課

November 15, 2022



Scan with Seesaw to add your response.



Items in the Go Bag

If you can only pack 10 itmes in your go bag, what would you choose? 如果你只能挑10樣物件放進緊急求生包,你會挑什麼?

- 1. To Drag 10 items into the bag.
- 2. Choose 2 or more itmes in the bag and explain why you need them.

選兩樣物品以上,解釋為什麼你需要它/它們.

Record the sentence: "I need ______ in the bag because _____."

(可以用這個句型,也可點選voice Instructions聽老師示範)

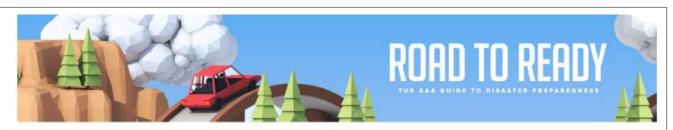
3. 🗸



Appendix 6:

Disaster Preparedness Supply Kit Checklist for the 4th Class Period:

https://cdn.teachertube.com/doc604/34381.pdf



Disaster Preparedness Kit Supply Checklist

Take a quick pit stop on your Road to Ready and make sure you're equipped with all of the proper supplies you might need in the event of an emergency or disaster. Keep these supplies in an easyto-carry Disaster Preparedness kit that you can use at home, work, and in your car.

