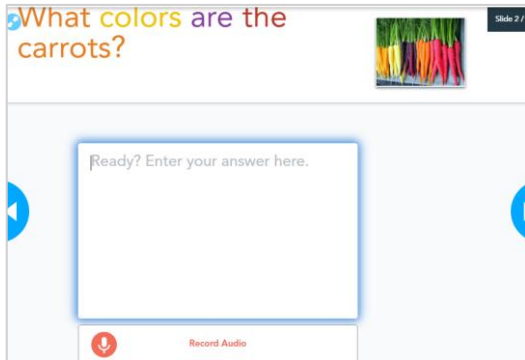
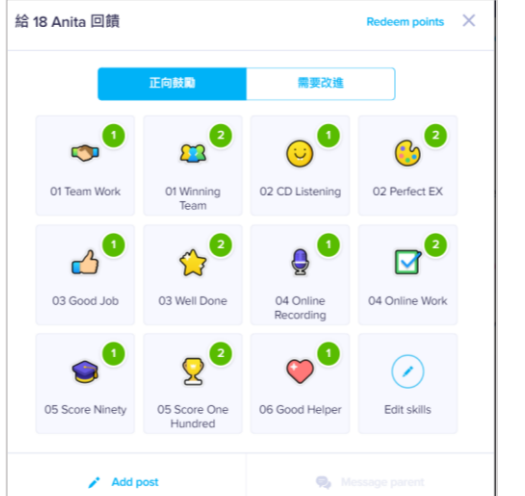
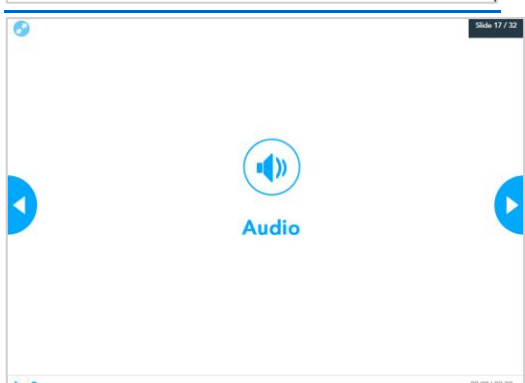


新北市109年度國中小資訊科技優良教案徵選實施計畫

教案設計

服務學校	新北市五股區更寮國民小學	設計者	蔡儀慧
領域/科目	英語	實施年級	4年級
單元名稱	The Carrot Seed	總節數	共__1__節，__40__分鐘
設計依據			
學習重點	學習表現	<p>6-II-1 能專注於教師的說明與演示。</p> <p>◎9-II-1 能夠將所學字詞做簡易歸類。</p> <p>◎5-III-2 在聽讀時，能辨識書本中相對應的書寫文字。</p>	<p>核心素養</p> <p>英-E-A1 具備認真專注的特質及良好的學習習慣，嘗試運用基本的學習策略，強化個人英語文能力。</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>
	學習內容	<p>◎D-II-1 所學字詞的簡易歸類。</p> <p>Aa-II-2 印刷體大小寫字母的辨識及書寫。</p>	
議題融入	實質內涵	<p>閱 E1 認識一般生活情境中需要使用的，以及學習學科基礎知識所應具備的字詞彙。</p> <p>閱 E6 發展向文本提問的能力。</p> <p>閱 E10 中、高年級：能從報章雜誌及其他閱讀媒材中汲取與學科相關的知識。</p> <p>閱 E12 培養喜愛閱讀的態度。</p>	
	所融入之學習重點	<p>What would you do if you were the little boy? 家人們都說蘿蔔種子不會發芽，男孩依然持續堅持每天做的事，如果是自己是那位男孩的話會如何做呢？</p> <p>What do you learn from the story? 從故事當中學到了什麼呢？</p>	
與其他領域/科目的連結	<p>Science 自然</p> <p>“Seed” https://share.nearpod.com/rniiYH6WOhb</p>		
教材來源	<p>●影本引用自 https://www.youtube.com/watch?v=t_bKqYUc-2M</p> <p>●線上互動老師 PREVIEW https://share.nearpod.com/bZVEukSWPhb 老師操作的連結 https://nearpod.com/library/preview/lesson-L101803814 分享給學生自學 https://share.nearpod.com/dvbcTTEqaib</p> <p>●繪本 The Carrot Seed Ruth Krauss (Author), Crockett Johnson(Illustrator)</p>		
教學設備/資源	Notebook, 繪本 The Carrot Seed, IPAD(教師的第二個螢幕)		
使用軟體、數位資源或 APP 內容	Nearpod, Google Meet, Class Dojo ,duet(教師延伸螢幕畫面用軟體)		
學習目標			
<ol style="list-style-type: none"> 1.Students can read the book by phonics skills. 2.Students can say the sentence fluently, "It won't come up." 3.Students can understand the phrases, "pull up the weeds, come up and sprinkle the ground with water." 4. Students can use simple sentences or give responds by realizing questions. 5. Students can enjoy reading, asking questions or sharing different ideas. 			

教學活動設計	時間	使用軟體、數位資源或 APP 內容
教學活動內容及實施方式		
<p>一、 Warm-up -Increase their interest.</p> <p>Activity-1 Poll Do you like carrots?</p> <ul style="list-style-type: none"> ● Ss have to choose, "Yes, I love carrots." or "No. I don't." in 15 seconds. ● Make sure Ss all have participated in the activity. ● Teacher can see the feedback immediately and share that with Ss. ● If Ss say the carrots are not good to eat, T may say carrots are healthy for their bodies. <p>Activity-2 Open Q What colors are the carrots?</p> <ul style="list-style-type: none"> ● Have Ss look at the picture and they may answer the question by keying or recording. ● Review colors they have learned before. Such as purple, orange, white, yellow...etc. ● Plus the points on the Class Dojo website for Ss that have tried their best for answering the question. 	2', 2'	<ul style="list-style-type: none"> ● Nearpod https://nearpod.com/library/preview/lesson-L101803814 ● Have Ss key in their names and get into the website.  <ul style="list-style-type: none"> ● If Ss don't know how to spell, they may record their voice. ● They may click the trash can to delete the answer and submit the new answer again.
<p>二、 Presentation -Immerse in the story.</p> <p><u>Before Reading</u></p> <p>Activity-1 Draw A Seed</p> <ul style="list-style-type: none"> ● Have Ss draw and submit the picture. ● Make sure Ss all know the word, "Seed." ● Maybe they would draw a carrot, they would ask what the carrot seed look like or they would draw more than one seed. ● Just let Ss take it easy and have fun to draw and encourage Ss to share their ideas about the pictures they drew. 	5'	<ul style="list-style-type: none"> ● Class Dojo https://teach.classdojo.com/#/launchpad 
<p><u>While Reading</u></p> <ul style="list-style-type: none"> ● Review family members quickly if necessary. ● Use TPR to explain or have Ss guess the meanings of plant, afraid, won't, pull up the weeds, sprinkle the ground with water, keep, and come up. ● Ss read repeatedly after the audio or T. 	10'	

After Reading -Ss' understanding and ideas sharing

Activity-2 Video Q&A

- There are ten interational questions for Ss to the story by choosing, recording or spelling.
- His mother/ father/ big brother said...
- The meanings of pull up the weeds/ come up/ sprinkle the ground with water.
- What did the boy wait for?
The seed came up.
- What did the boy do every day?
Pull up the weeds and sprinkled the ground
- Did the carrot come up?
- What do you learn from the story?
- It's ok to have Ss' answer in Chinese.
- Have them think what they would do if they were the boy or if their friends or families have different opinions with them.

三、Wrap-up

- Look at the pictures and read the story again.
- **Record** the story book sentences and **play** the matching game for homework.
- Watch the video, "**Seed.**" for further reading.

15'



5'



教學成果

Student	A	B
張一志		
黃建杉		
Sharon		
smith		
Enzo		
伍勇竹		
陳盈輝		
Rex4304		
Sharon		
Evelyn		
4309		
林亞香		
rick666		
Lilian		

說明: Warm up: Do you like carrots? 暖身, 可以確認有多少位學生還沒跟上腳步的。學生作答立即得到回應

CODE: 5ZJLE

What colors are the carrots?

Student Answer

Student	Answer
吳一志	NO ANSWER
smith	
Enzo	橘
伍寅竹	NO ANSWER
葉耀彬	NO ANSWER
Sharon	NO ANSWER
陳盈博	yellow
Rex4304	There are yellow orange and pink
Sharon	NO ANSWER
Evalyn	NO ANSWER

PARTICIPATION 29%

蔡德慧

3:42 / 46:17

下午 02:23
2021/7/2

說明:2. What color are the carrots? 讓學生有多元的方式回答，提升回答意願。
學生端可以錄音口語回答

CODE: 5ZJLE

Please draw a seed.

00:00

Awaiting drawing	smith Submitted	Enzo Submitted	伍寅竹 Submitted
葉耀彬 Submitted	Sharon	陳盈博 In Progress	Rex4304 Submitted
Awaiting drawing	Awaiting drawing	4309 Submitted	Awaiting drawing
Sharon	Evalyn	林亞倫	

蔡德慧

7:04 / 46:17

下午 02:27
2021/7/2

說明:3. Draw a seed. 畫一顆種子，看似簡單，但還是有人上當哦！^0^
可以立即看到學生的畫畫作品

1100630 The Carrot Seed-403

與我共用 > 1100630 Bliss 線上公開 觀課

nearpod Lessons Download

app.nearpod.com/command/paid-6e69c7c...

code: 5ZJLE

Open Whiteboard + Add Activity

Story by Ruth Krauss

The Carrot Seed

蔡備慧

5:51 / 46:17

下午 02:26
2021/7/2

說明：
繪本主題：The Carrot Seed

雲端硬碟

在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開 觀課

nearpod Lessons Download

app.nearpod.com/command/paid-6e69c7c...

code: 5ZJLE

Open Whiteboard + Add Activity

A little boy planted a carrot seed.

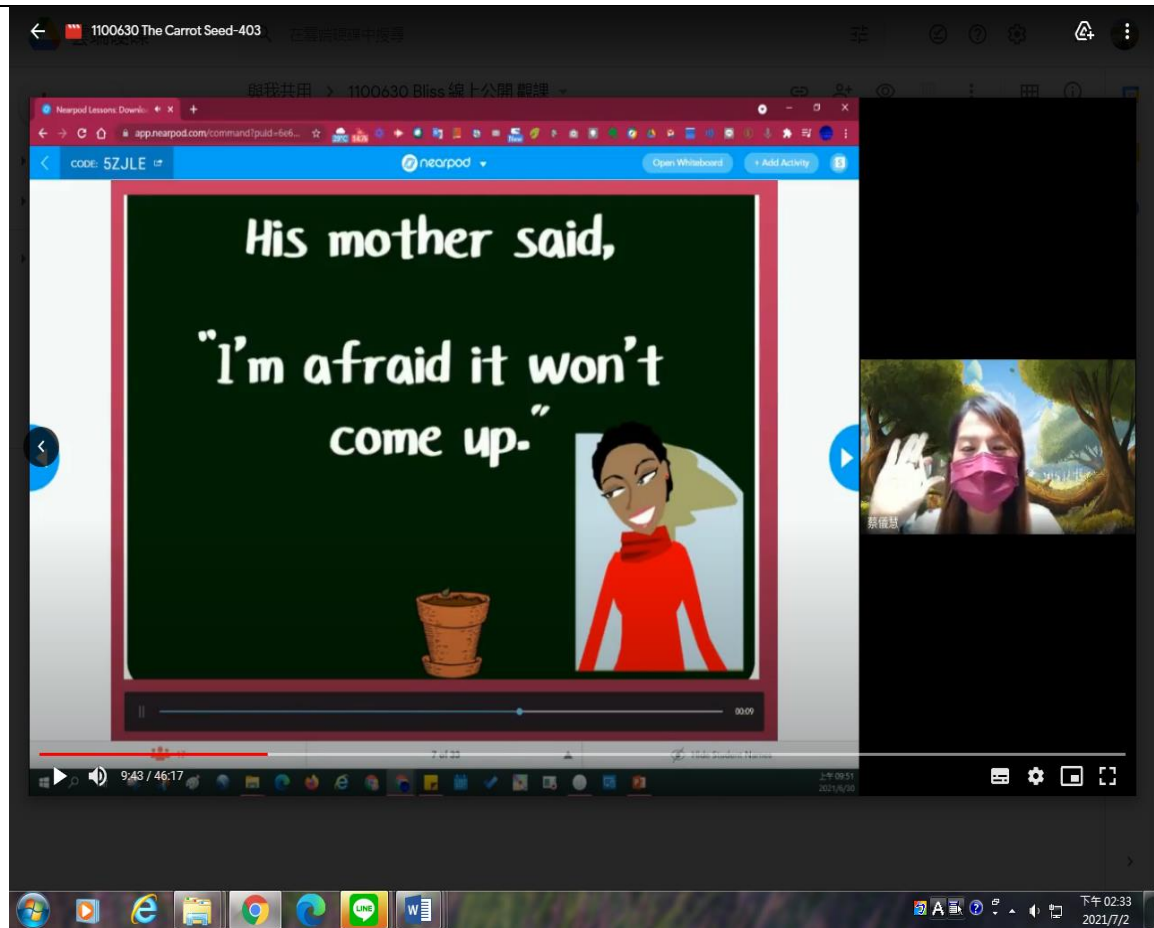
蔡備慧

8:36 / 46:17

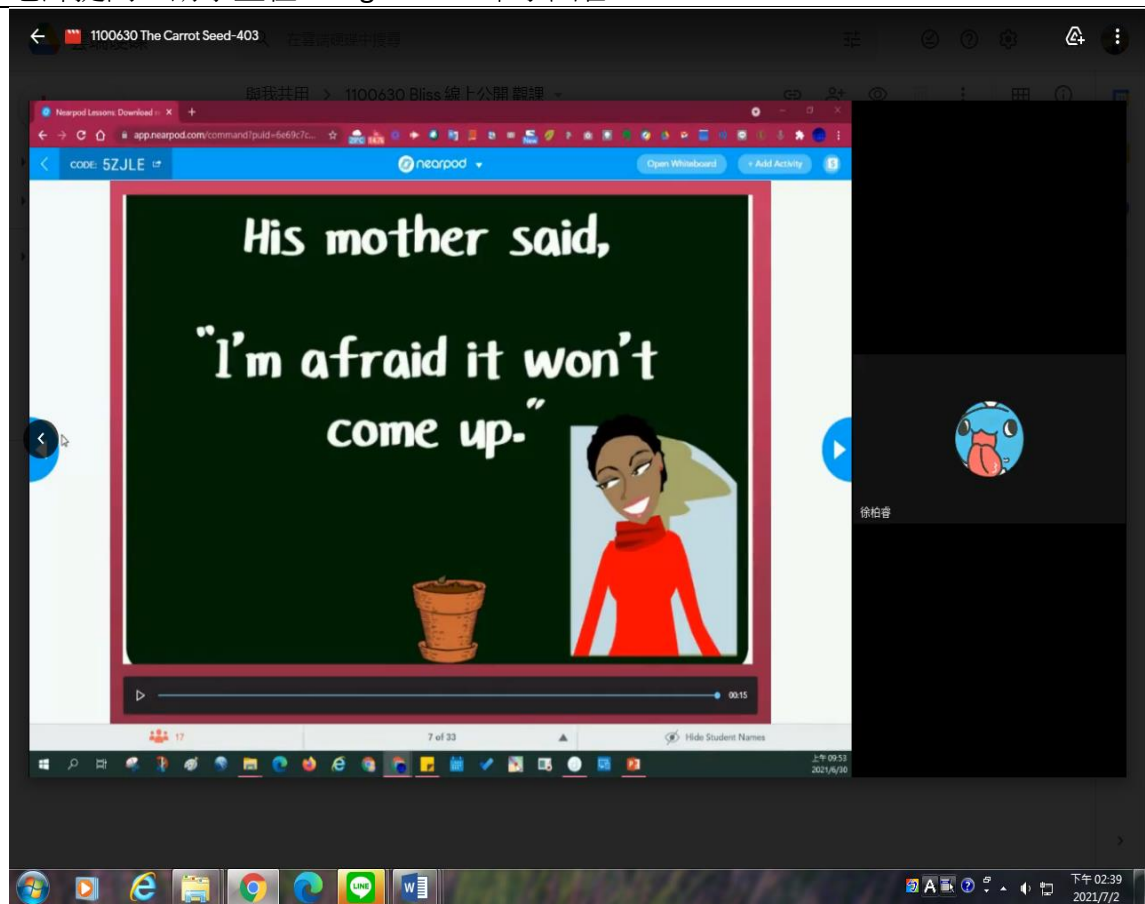
19:33

下午 02:31
2021/7/2

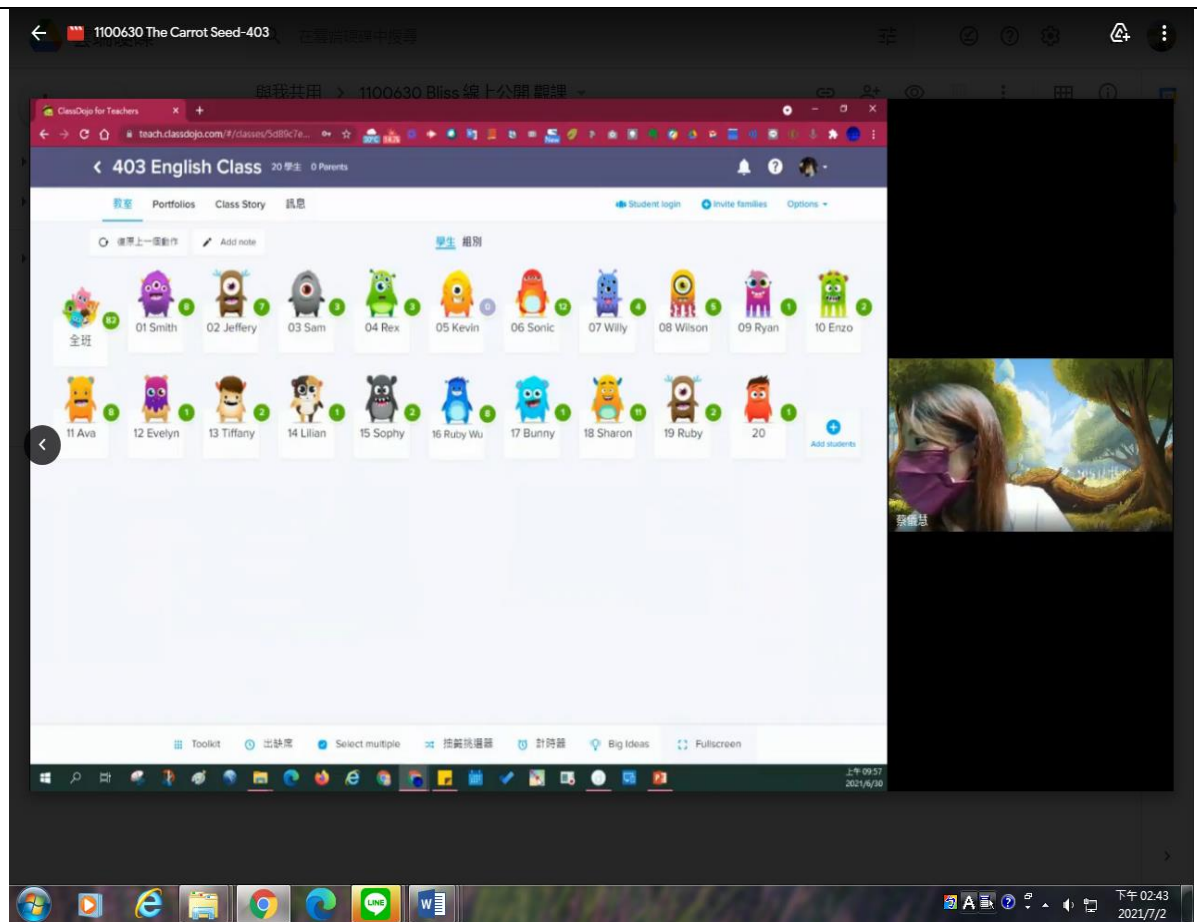
說明：
音檔逐句播放



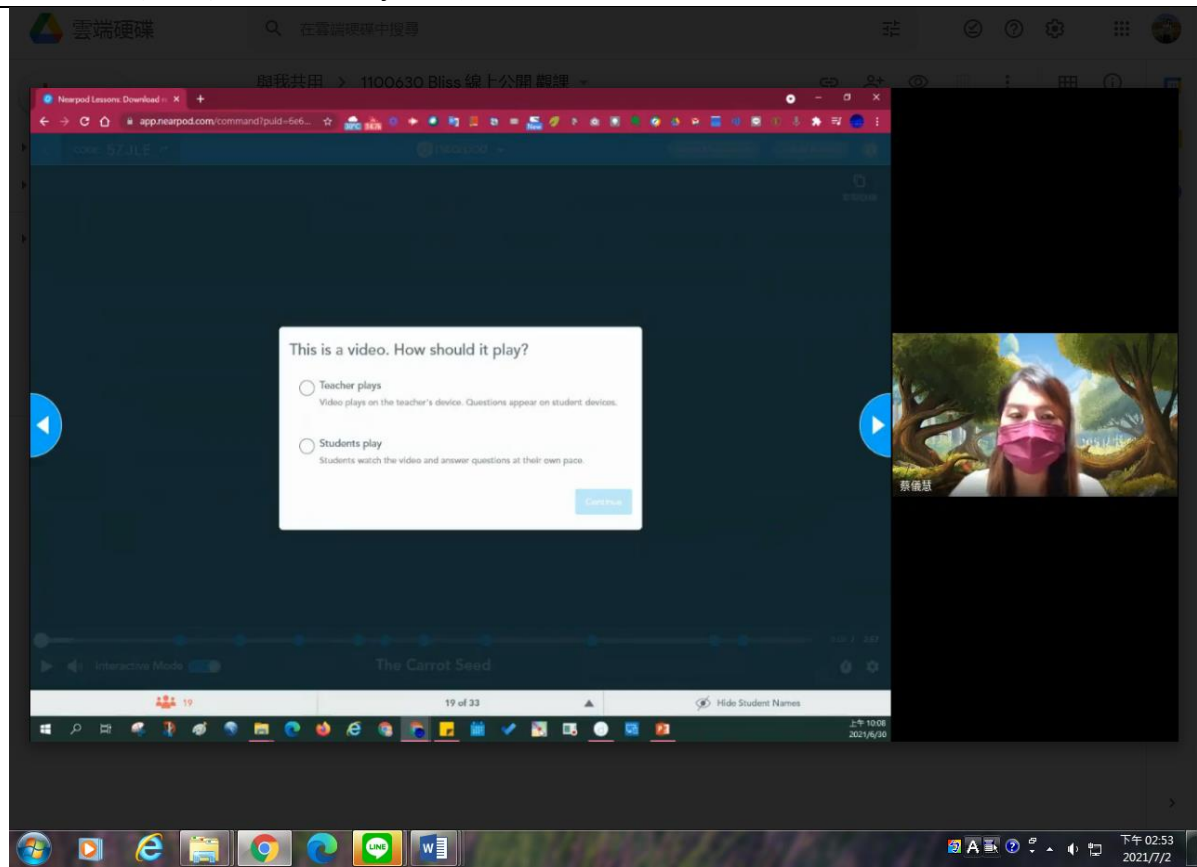
說明：What does “planted” mean? 隨機提問喚醒學生。
 老師提問，請學生在 Google Meet 舉手回答。



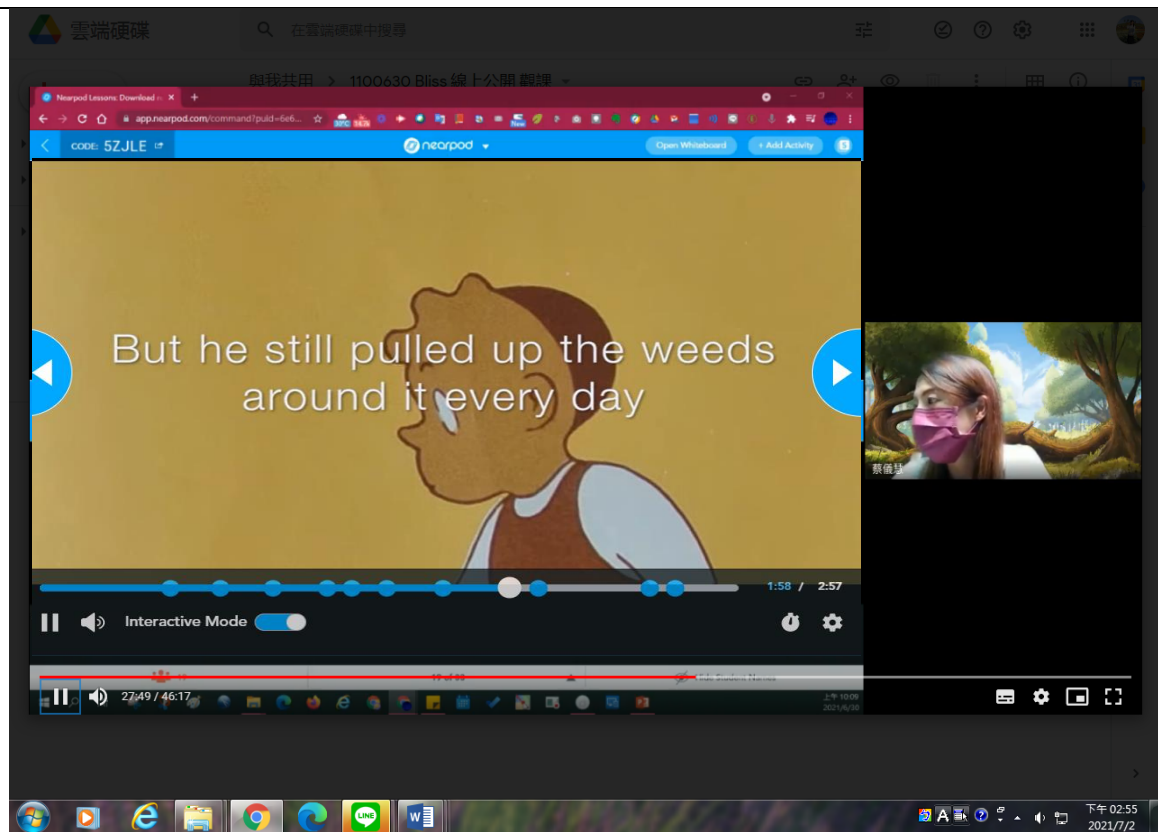
說明：
 學生回答老師問題。



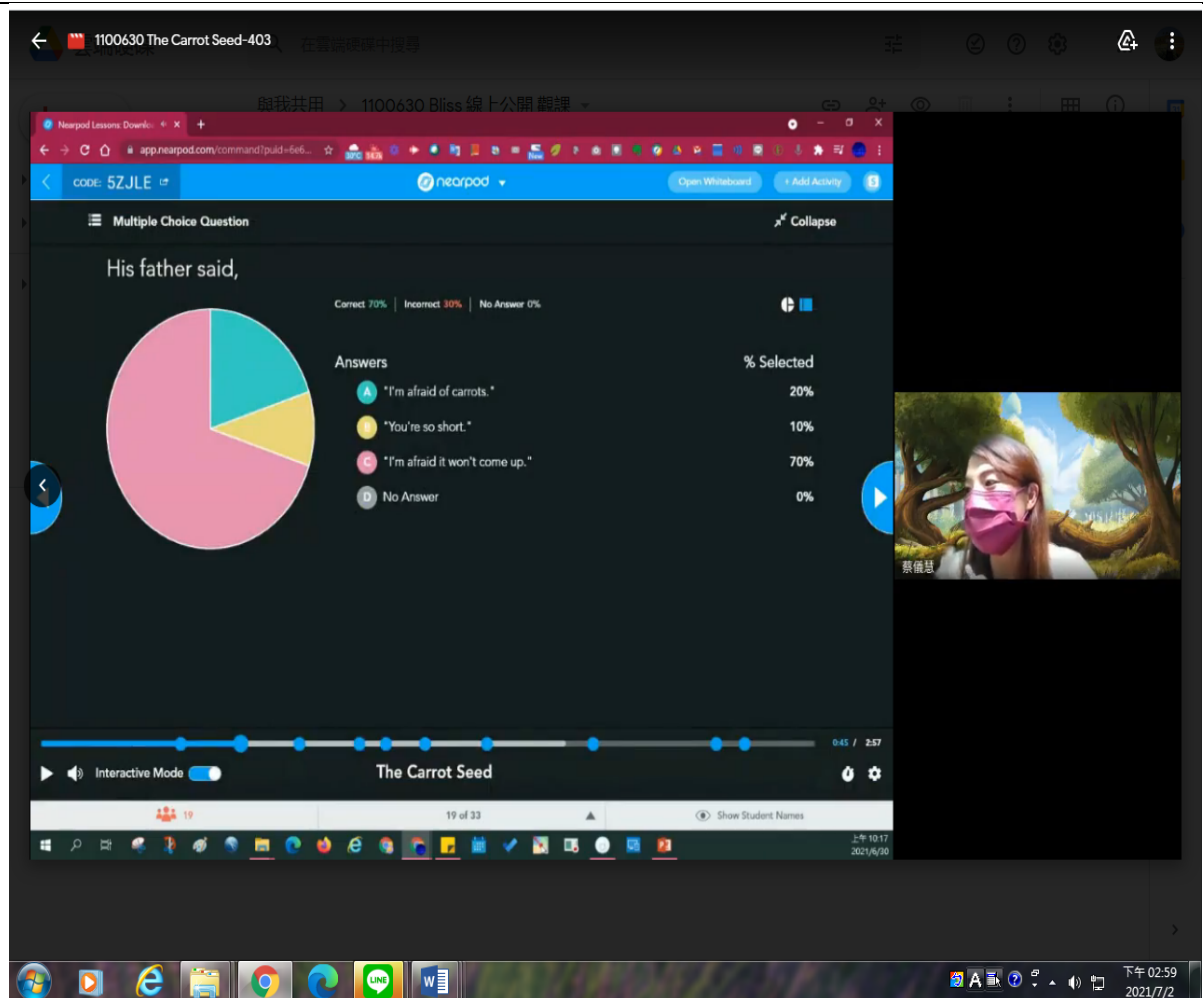
說明：盡量不重複，也請沒舉過手的學生回答，讓每位學生都有表現機會。學生回答後，利用 Class Dojo 為學生加分。



說明：建議同步，以免有學生問題卡住，卻無法個別解決的困境。繪本朗讀影片可學生自己播放或由老師播放與老師同步。



說明：
影片已內建十個互動的問題。



說明：His father said...70%的學生選對的答案。
立即評量學生理解多少，學生答對的比例馬上知道。

Multiple Choice Question

What does "sprinkle the ground with water" mean?

Correct 70% | Incorrect 30% | No Answer 0%

Answers

- A 在地上玩水
- B 在地上灑水
- C 在天上灑花
- D No Answer

% Selected

- A 20%
- B 70%
- C 10%
- D 0%

The Carrot Seed

說明：What does “sprinkle the ground with water” mean? 70%的學生選對的答案。20%的學生選在地上玩水、10%的學生選在天上灑花。>.<是不是太粗心了...

Multiple Choice Question

What means "come up"?

Correct 90% | Incorrect 10% | No Answer 0%

Answers

- A 過來
- B 出來
- C 發芽
- D No Answer

% Selected

- A 0%
- B 10%
- C 90%
- D 0%

The Carrot Seed

說明：What means “come up”? 90%的學生選對的答案。

雲端硬碟 在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開 翻譯

Nearpod Lessons: Download

app.nearpod.com/command?guid=566...

code: 5ZJLE

Multiple Choice Question

What was the boy waiting for?

Correct 40% | Incorrect 70% | No Answer -10%

Answers

- A The weeds came up. 60%
- B The flowers came up. 0%
- C The seeds came up. 50%
- D No Answer -10%

The Carrot Seed

Interactive Mode

38:21 / 46:17

下午 03:03 2021/7/2

說明：What was the boy waiting for? 只有40%的學生選對的答案。
 講解 weeds 跟 seeds 只差一個字母，可能是對 weeds 不夠了解或看太快粗心了。

雲端硬碟 在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開 翻譯

Nearpod Lessons: Downlo...

app.nearpod.com/command?guid=566...

code: 5ZJLE

Multiple Choice Question

What did the boy do every day? (More than one answer)

Correct 10% | Incorrect 70% | No Answer 20%

Answers

- A He sprinkled the ground with water. 60%
- B He pulled up the weeds. 10%
- C He pulled up the carrots. 30%
- D No Answer 20%

The Carrot Seed

Interactive Mode

2:04 / 2:57

19 of 33

Show Student Names

上午 10:20 2021/6/30

下午 03:03 2021/7/2

說明：What did the boy do every day? A 與 B 是答案。
 針對30%的學生選錯的答案，20%的學生沒有答案，老師再講解清楚。

雲端硬碟 在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開觀課

code: 5ZJLE

Multiple Choice Question

Did the carrot come up?

Correct 36% | Incorrect 27% | No Answer 36%

Answers

- A Yes, it did. 36.4%
- B No Answer 36.4%
- C I don't know. 18.2%
- D No, it didn't. 9.1%

The Carrot Seed

Interactive Mode

39:41 / 46:17

下午 03:04 2021/7/2

說明：What did the boy do every day? 36.4%的學生選對的答案。再幫學生釐清楚

雲端硬碟 在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開觀課

code: 5ZJLE

Open Ended Question

要堅持

永不放棄，相信自己

要有耐性繼續等待

No answer

no

要一直努力

不放棄

The Carrot Seed

Interactive Mode

40:37 / 46:17

下午 03:05 2021/7/2

說明：What do you learn from the story? 開放性問題，引導學生反思，回饋都相當正向，可以中文回答，讓學生有更大的思考空間。

雲端硬碟 在雲端硬碟中搜尋

與我共用 > 1100630 Bliss 線上公開 課程

Nearpod Lessons Download

app.nearpod.com/command?puId=669c7c...


CODE: 5ZJLE

nearpod

Open Whitboard

Add Activity

His mother said, "I'm afraid it won't come up."



蔡儀慧

19

21 of 33

Hide Student Names

上午 10:25 2021/6/30

下午 03:07 2021/7/2

說明：故事內容由學生逐句再唸，需要時老師再協助。

Slide 30 / 32

請錄音

The Carrot Seed









A little boy planted a carrot seed.

His mother said, "I'm afraid it won't come up."

His father said, "I'm afraid it won't come up."

Ready? Enter your answer here.

說明：
請學生繳交故事內容的錄音作業。

				He sprinkled the ground with water and pulled out the seed every day.
His father said, "I'm afraid it won't come up."	Everyone said, "The carrot is so big!"	A carrot came up.		
Everyone said, "It won't come up."			The little boy planted a carrot seed.	His big brother said, "It won't come up."
Nothing came up.		His mother said, "I'm afraid it won't come up."		

說明：
請學生繳交故事配對的作業。



說明：
延伸閱讀 STEMbite 關 seed 的影片。

(含教學調整的脈絡、成效分析、教學省思、修正建議等)

學生回饋與分享

- 一、 學生參與互動，不論是投票、回答、畫圖、錄音及選擇…等，都相當積極。
- 二、 連平常參與度低的小稚推想猜到了 come up 指的就是「發芽」，又納悶提問：「為什麼他的爸爸、媽媽和哥哥都說(種子)不會長大？」其他同學也附和著。
- 三、 另一位學生 Ava 也為小男孩打抱不平的說：「它只是長得比較慢。」
- 四、 課程最後給學生一個開放性的問題，「What do you learn from the story?」學生回答為：1. 要堅持、2. 永不放棄要相信自己、3. 要有耐性慢慢等待、4. 要一直努力……等，正向且積極的回饋。

觀課人員1的回饋分享(成效分析)

- 一、善用 Nearpod 軟體立即收到學生回饋，引起動機成功，課程設計架構完整。
- 二、學生端即時閱讀、錄音、畫畫的方式互動，豐富教學的內容，吸引學生學習。
- 三、繪本簡報搭配音檔及圖像呈現，立即評量學生的理解成效。
- 四、老師適時提問讓學生思考回應，Class Dojo 班經的獎勵，鼓勵學生參與回答。
- 五、學生線上舉手鍵踴躍，學生參與度高，有問題時立即發問，並思考繪本中單字的可能意思，深化思考，對課程興趣濃厚。

教
學
心
得
與
省
思

觀課人員2的回饋分享(成效分析)

- 一、課程設計內容豐多元，以投票、繪圖、錄音並以影片結合選擇及問答，易抓住學生目光並專心投入活動，提升學生學習興趣，時間安排緊湊，課程進行流暢。
- 二、Nearpod 結合讀、畫、說或寫的回饋，互動回饋即時，有效掌握學生學習狀況。
- 三、老師總能給予學生正向回饋，鼓勵學生通於開口說英語，營造溫馨正向氛圍。
- 四、教學重點清楚且多次複習繪本內容句型。

教師心得與感想(成效分析、教學省思)

小稚平常在教室上課總是有氣無力並且容易分心，但透過視訊的方式教學，讓他勇敢舉手並踴躍發言，相當開心看到低成就的孩子不但參與發言並思考問題，也有學生表示用這樣的上課方式很好玩。

老師引導學生想像一下：「當周遭的每一個人都不說不可能，感受一下你是那位小男孩，你會怎麼做？」看到學生的回饋令人相當感動，這本繪本的目的達到了，也藉機獻給即將放暑假的孩子，並鼓勵他們在學習的路途上別輕易放棄。

可改進之處(教學調整、修正建議)

1. 若時間許可，可利用小白板功能增加互動並進行句型練習。
2. 解說時若有軟體工具可標註句子或單字，學生可以更快的注意到老師說的位置。
3. 影片的 Q&A 可師生畫面同步討論，才不會浪費互相等待的時間。
4. 互動上較為可惜的是，學生的網路頻寬或載具配備不足，會有跑不動 Nearpod 的情況，以致無法同步互動或連線進入，但仍可透過 Meet 分享同步畫面，參與討論。解決方法為將檔案製作再小一點，減少或避免學生網路跑不動或掉線。
5. 若結合自然課程之跨領域教學，可提升學生學習興趣及加深學習成效。
6. 若時間許可，可進行線上分組討論，一定可以產生更多意想不到的火花。
7. Nearpod 對學生而言是新的學習工具，可於下一堂說明如何繳交錄音作業、配對遊戲以延伸閱讀的操作方式。

<p>參考資料</p>	<p>(含論文、期刊、書刊剪報、專書、網路資料、他人教學教案等)</p> <p>Nearpod 製作參考</p> <ul style="list-style-type: none"> ● 施信源老師 nearpod 線上教學 2021 05 25(Meet 模式錄影) 46分至1時5分 https://www.youtube.com/watch?v=hVOfbXl2f2c ● How to use nearpod in your Chinese classroom Yujen Lien https://www.youtube.com/watch?v=QXPEOKN2Z3I
<p>附錄</p>	<p>(學習單或其他相關資料)</p> <p>老師 PREVIEW 介面 https://share.nearpod.com/bZVEukSWPhb</p> <p>分享給老師的連結 https://share.nearpod.com/bZVEukSWPhb</p> <p>分享給學生的自學介面只有29天期限(110年7月25日起) https://share.nearpod.com/dvbcTTEqaib</p> <div data-bbox="255 891 1085 1877" style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p>Join with this CODE at join.nearpod.com or in the app</p> <h1 style="text-align: center;">N6ZRS</h1> <p><input type="checkbox"/> OFF Require student responses and prevent skipping</p> <p>Valid from Sun, Jul 25th 2021 until Tue, Aug 24th 2021 ? 29 days remaining </p> <p style="text-align: center; background-color: #4CAF50; color: white; padding: 5px; display: inline-block;">View Progress</p> <hr/> <div style="display: flex; justify-content: space-around; text-align: center;"> <div> Email</div> <div> Social</div> <div style="border-bottom: 2px solid #0070C0;"> Link</div> <div> Embed</div> <div> Google Classroom</div> <div> Remind</div> <div> Microsoft Teams</div> </div> <hr/> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid #ccc; padding: 5px; flex-grow: 1;">https://share.nearpod.com/dvbcTTEqaib</div> <div style="background-color: #4CAF50; color: white; padding: 5px 10px; margin-left: 10px;">Copied!</div> </div> </div>

