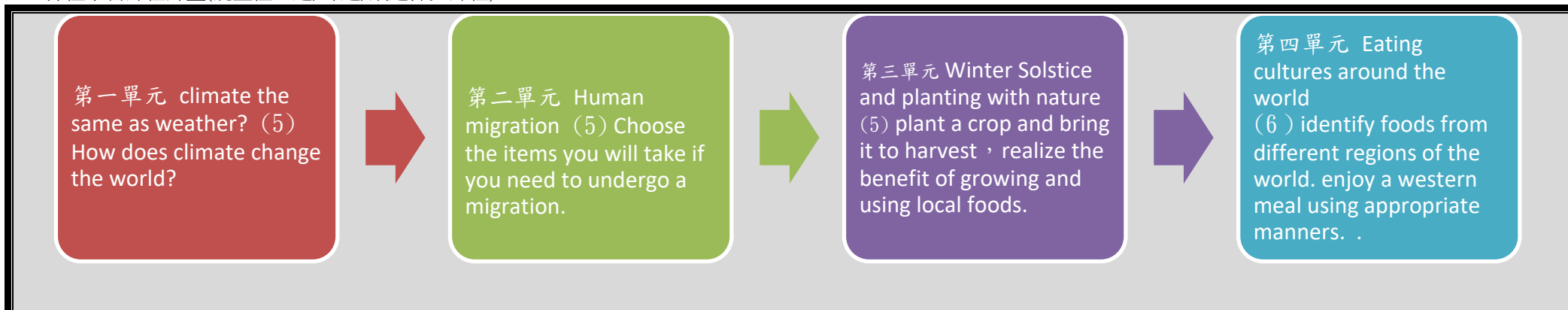


臺南市新營區南梓實驗小學 113 學年度第一學期四年級國際藝術心實驗課程計畫

Title	Shh! The climate change tells	Grade	4	Periods	_21 including review_ classes/semester
彈性學習課程 四類規範	1. 統整性探究課程 (<input checked="" type="checkbox"/> 主題 <input type="checkbox"/> 專題 <input type="checkbox"/> 議題)				
設計理念	關係：提昇永續概念，課程蘊含美感創作進而拓展國際視野				
Competences	<p>E-A2 Possess the contemplative ability to explore problems, and through experience and practice, solve problems in daily life.</p> <p>E-B1 Possess the basic language competencies (i.e., listening, speaking, reading, writing, and composition) and knowledge of using basic mathematical, scientific, body, and art symbols necessary in everyday life. Be empathetic for others during interpersonal communication.</p> <p>E-C2 Possess interpersonal relationships and teamwork skills</p> <p>E-C1 Possess the ability of upholding moral character, distinguishing right from wrong, understanding and respecting the moral rules of society, developing civic consciousness, and being concerned for the environment.</p>				
Course Objectives	Learners build on their environmental knowledge and get an introduction to economy. They expand their global understanding of culture through the use of their L2 language skills.				
配合融入之領域或議題	<input type="checkbox"/> 國語文 <input type="checkbox"/> 英語文 <input type="checkbox"/> 英語文融入參考指引 <input type="checkbox"/> 本土語 <input type="checkbox"/> 數學 <input type="checkbox"/> 社會 <input checked="" type="checkbox"/> 自然科學 <input type="checkbox"/> 藝術 <input type="checkbox"/> 綜合活動 <input type="checkbox"/> 健康與體育 <input type="checkbox"/> 生活課程 <input type="checkbox"/> 科技 <input type="checkbox"/> 科技融入參考指引		<input type="checkbox"/> 性別平等教育 <input checked="" type="checkbox"/> 人權教育 <input checked="" type="checkbox"/> 環境教育 <input type="checkbox"/> 海洋教育 <input type="checkbox"/> 品德教育 <input type="checkbox"/> 生命教育 <input type="checkbox"/> 法治教育 <input type="checkbox"/> 科技教育 <input type="checkbox"/> 資訊教育 <input type="checkbox"/> 能源教育 <input type="checkbox"/> 安全教育 <input type="checkbox"/> 防災教育 <input type="checkbox"/> 閱讀素養 <input type="checkbox"/> 多元文化教育 <input type="checkbox"/> 生涯規劃教育 <input type="checkbox"/> 家庭教育 <input type="checkbox"/> 原住民教育 <input type="checkbox"/> 戶外教育 <input checked="" type="checkbox"/> 國際教育		
Performance Tasks	Worksheet, pop quiz , Create a climate poste ,				
課程架構脈絡					



Periods	Unit	學習表現校訂或相關領域與參考指引或議題實質內涵	Language content	Goals	Activity	Assessment	Materials
1-5weeks	But isn't climate the same as weather?	I4 能關懷永續環境	Are we talking about weather or climate? How does climate change the world? Climate change is a problem that affects us all.	Can distinguish between climate and weather. Can use the tools to record weather. Can interpret basic climate data.	Create a climate poster. Make a record to collect climate data.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,
6-10weeks	Human migration	I3 能關心本土與全球議題	Why do we move from one place to another? Why are some people forced to migrate? What would you pack in your suitcase?	Can understand what human migration is? Can understand the causes for human migration. Can empathize with people who are forced to relocate by completing the "What will you pack?" activity.	Complete a worksheet to better understand human migration. Choose the items you will take if you need to undergo a migration.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,
11-15weeks	Winter	I4 能關懷永續	When do we have the	Can understand the	Make a poster to	Worksheet, pop quiz,	PPT.

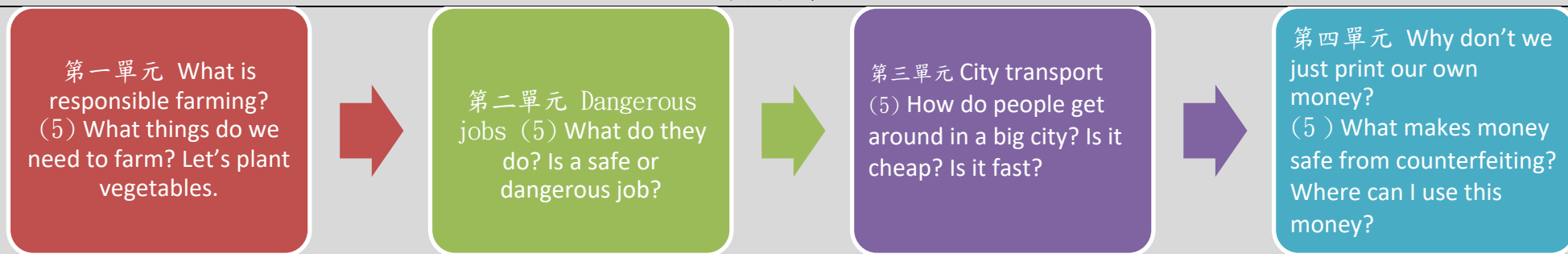
C6-1 彈性學習課程計畫(統整性主題/專題/議題探究課程)

	Solstice and planting with nature	環境	solstice / equinox? What is the weather like during this time? What plants grow best in these conditions? Let's plant with nature. Plant local foods.	relationships between the 24 solar stages and agricultural phases. Can plant a crop and bring it to harvest. Can realize the benefit of growing and using local foods.	display the 24 solar terms. Plant a crop and bring it to harvest,		Worksheet, coloring pages,
16-21weeks	Eating cultures around the world	I2 能尊重與欣賞多元文化	What do people eat around the world? How do we eat? What are some good manners to follow? You should put your napkin on your lap. Always say please and thank you.	Can identify foods from different regions of the world. Can distinguish between good and bad manners. Can enjoy a western meal using appropriate manners.	Do a matching worksheet about the content. Practice good manners. Enjoy a meal applying these manners	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,

臺南市新營區南梓實驗小學 113 學年度第二學期四年級國際藝術心實驗課程計畫

Title	Make Green Energy Stronger	Grade	4	Periods	_20 including review_ classes/semester
彈性學習課程 四類規範	1. <input checked="" type="checkbox"/> 統整性探究課程 (<input checked="" type="checkbox"/> 主題 <input type="checkbox"/> 專題 <input type="checkbox"/> 議題)				
設計理念	關係：提昇永續概念，課程蘊含美感創作進而拓展國際視野				
Competences	E-A2 Possess the contemplative ability to explore problems, and through experience and practice, solve problems in daily life. E-B1 Possess the basic language competencies (i.e., listening, speaking, reading, writing, and composition) and knowledge of using basic mathematical, scientific, body, and art symbols necessary in everyday life. Be empathetic for others during interpersonal communication. E-C2 Possess interpersonal relationships and teamwork skills E-C1 Possess the ability of upholding moral character, distinguishing right from wrong, understanding and respecting the moral rules of society, developing civic consciousness, and being concerned for the environment.				
Course Objectives	Learners build on their environmental knowledge and get an introduction to economy. They expand their global understanding of culture through the use of their L2 language skills.				
配合融入之領域或議題	<input type="checkbox"/> 國語文 <input type="checkbox"/> 英語文 <input type="checkbox"/> 英語文融入參考指引 <input type="checkbox"/> 本土語 <input type="checkbox"/> 數學 <input type="checkbox"/> 社會 <input checked="" type="checkbox"/> 自然科學 <input type="checkbox"/> 藝術 <input type="checkbox"/> 綜合活動 <input type="checkbox"/> 健康與體育 <input type="checkbox"/> 生活課程 <input type="checkbox"/> 科技 <input type="checkbox"/> 科技融入參考指引		<input type="checkbox"/> 性別平等教育 <input checked="" type="checkbox"/> 人權教育 <input checked="" type="checkbox"/> 環境教育 <input type="checkbox"/> 海洋教育 <input type="checkbox"/> 品德教育 <input type="checkbox"/> 生命教育 <input type="checkbox"/> 法治教育 <input type="checkbox"/> 科技教育 <input type="checkbox"/> 資訊教育 <input type="checkbox"/> 能源教育 <input type="checkbox"/> 安全教育 <input type="checkbox"/> 防災教育 <input type="checkbox"/> 閱讀素養 <input type="checkbox"/> 多元文化教育 <input type="checkbox"/> 生涯規劃教育 <input type="checkbox"/> 家庭教育 <input type="checkbox"/> 原住民教育 <input type="checkbox"/> 戶外教育 <input checked="" type="checkbox"/> 國際教育		
Performance Tasks	worksheet, pop quiz				

課程架構脈絡



Periods	Unit	學習表現校訂或相關領域與參考指引或議題實質內涵	Language content	Goals	Activity	Assessment	Materials
1-5weeks	What is responsible farming?	I3 能關心本土與全球議題 I4 能關懷永續環境	What kind of farm is it? What things do we need to farm? Let's plant vegetables. How much pollution do they make?	Can name different kinds of farms. Can understand what farms produce. Can identify some of the equipment used on farms. Can understand the environmental impact of farming.	Complete a worksheet on the subject matter. Evaluate the environment impact of different agricultural activities. Plant and nurture a crop to harvest.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,
6-10weeks	Dangerous jobs	I2 能尊重與欣賞多元文化 I3 能關心本土與全球議題	What do they do? Is a safe or dangerous job? He puts out fires. She washes skyscrapers. They work in a mine.	Can name different occupations and what people do. Can identify some of the dangers in certain jobs. Can compare jobs in terms of dangers and rewards.	Complete a worksheet on the subject matter. Rank occupations on their dangers. Make a risk / reward assessment of different occupations.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,
11-15weeks	City transport	I2 能尊重與欣賞多元文化 I3 能關心本土與全球議題	How do you get to school? How do people get around in a big city? Is it cheap? Is it fast? Is it easy to use? Is good for the environment?	Can identify different modes of transport. Can rank transport on cost, speed, safety, capacity and pollution. Can brainstorm some ideas to improve public transaction.	Complete a worksheet on the subject matter. Rank transport according to different criteria. Present an info board on new proposals for public transport.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,

C6-1 彈性學習課程計畫(統整性主題/專題/議題探究課程)

			They use the underground. He uses a city bike. They carpool.				
16-20weeks	Why don't we just print our own money?	I3 能關心本土與全球議題	What makes money safe from counterfeiting? Where can I use this money? How much is it? Let me give you your change.	Can identify currencies from different countries. Can calculate the total of a purchase and provide the correct amount of change. Can play act running a store?	Complete a worksheet on the subject matter. Calculate purchases and find the totals. Set up a (an online) store and try to generate profit.	Worksheet, pop quiz,	PPT. Worksheet, coloring pages,