

2018 New Taipei City English Wonderland Qianhua Campus

新北市英速魔法學院 107 學年度一般梯隊課程活動設計

Regular Camp Course Activity Planning

2018/09/02-2019/06/27

堂次 Class	Class 1	領域 Subject	Science - Vocabulary
單元主題 Unit Theme	Science and Wind	設計者 Course Planner	John Strain
教學對象 Target Audience	5 th grade students	教材來源 Source of Class Materials	Teacher Made: Power point, Worksheet
教學時間 Course Duration and Time	Fifty minute class (3 teachers team)		
單元目標 Course Objective	<ul style="list-style-type: none"> • To introduce new English vocabulary words • To use the new vocabulary to perform science experiments • To record their science experiment results on a data sheet in English • To vocalize their result in English to the class • To have fun learning English 		
教學目標 Class Objective	<ul style="list-style-type: none"> • To learn new vocabulary words in English to be used in future classes • To play a game using the words to give practice and repetition • To write the new vocabulary on a worksheet for further practice • To give a preview of the future science experiments 		

<p>教學資源 Class Resources</p>	<ul style="list-style-type: none"> • Computer – projector – power point • Flash cards game • Worksheet for writing new vocabulary 			
<p>具體目標 Objective</p>	<p>教學過程及活動 Class Activities</p>	<p>教學資源 Class Resources</p>	<p>時間 Duration</p>	<p>備註 Notes</p>
<p>Attendance Promote good behavior Learn new words Practice new words More word practice Preview of lessons</p>	<ul style="list-style-type: none"> • Attendance • Discuss Team Point / behavior plan • I will use a power point show to teach the new vocabulary • I will play a flash card game using the new vocabulary. This will be Boys vs Girls • I will give the students a worksheet to write and match the new vocabulary for practice • I will give a preview/demonstration of classes 2, 3 and 4 as time allows. 	<p>Class List Computer/Projector Flash Cards Worksheet Science equipment Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet, Graph, Sea, Land, Breeze, Wind</p>	<p>2 minutes 2 minutes 10 minutes 10 minutes 5 minutes 15 minutes</p>	<p>Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet, Graph, Sea, Land, Breeze, Wind</p>

堂次 Class	Class 2	領域 Subject	Science – Sea Breeze
單元主題 Unit Theme	Science and Wind	設計者 Course Planner	John Strain
教學對象 Target Audience	5 th grade students	教材來源 Source of Class Materials	Purchase: Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet
教學時間 Course Duration and Time	Fifty minute class (3 teachers team)		
單元目標 Course Objective	<ul style="list-style-type: none"> • To introduce new English vocabulary words • To use the new vocabulary to perform science experiments • To record their science experiment results on a data sheet in English • To vocalize their result in English to the class • To have fun learning English 		
教學目標 Class Objective	<ul style="list-style-type: none"> • To use new vocabulary to follow instructions in English • To observe and vocalize in English the results of their lab • To understand the results of their lab • To write the results on their data sheet 		
教學資源 Class Resources	<ul style="list-style-type: none"> • Plastic Aquarium (6), Beakers (12), Thermometers (12) , Sand (1000 mL) • 1000 mL Plastic Pitch of water, Heat Lamp & Extension Cords, Data sheet (each student), Internet Timer 		

具體目標 Objective	教學過程及活動 Class Activities	教學資源 Class Resources	時間 Duration	備註 Notes
<p>Attendance</p> <p>Promote good behavior</p> <p>To set up lab part 1</p> <p>To set up lab part 2</p> <p>To understand capillary action and gravity</p> <p>To use English in speaking and writing</p>	<ul style="list-style-type: none"> • Attendance • Review behavior / Team points • The students will organize (2) 250 mL beakers; 1 with 200 mL of sand and the other with 200 mL of water • The students will place each beaker into the plastic Aquarium and insert a thermometer into each. • They will then attach the heat lamp securely onto the plastic aquarium over the 2 beakers with thermometers. • They turn on the lamp on the teacher's command and record the temperatures of each thermometer every 2 minutes for 10 minutes onto their data sheet. • They will then discuss their findings • They will verbalize in English the results • The students will label a sea breeze / land breeze worksheet • The students will break down and cleanup the lab 	<p>Class List</p> <p>White board</p> <p>Beakers, Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet</p>	<p>2 minutes</p> <p>2 minutes</p> <p>10 minutes</p> <p>10 minutes</p> <p>5 minutes</p> <p>5 minutes</p> <p>10 minutes</p> <p>5 minutes</p>	<p>Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet</p>

堂次 Class	Class 3	領域 Subject	Land Breeze
單元主題 Unit Theme	Science and Wind	設計者 Course Planner	John Strain
教學對象 Target Audience	5 th grade students	教材來源 Source of Class Materials	Purchased Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet
教學時間 Course Duration and Time	Fifty minute class (3 teachers team)		
單元目標 Course Objective	<ul style="list-style-type: none"> • To introduce new English vocabulary words • To use the new vocabulary to perform science experiments • To record their science experiment results on a data sheet in English • To vocalize their result in English to the class • To have fun learning English 		
教學目標 Class Objective	<ul style="list-style-type: none"> • To use new English vocabulary words • To use and measure with a graduated cylinder • To make a colorful design using food coloring, a Q-tip, and the surface tension of milk • To record on their data sheet the lab results 		
教學資源 Class Resources	<ul style="list-style-type: none"> • Plastic Aquarium (6), Beakers (12), Thermometers (12) , Sand (1000 mL) • 1000 mL Plastic Pitch of water, Heat Lamp & Extension Cords, Data sheet (each student), Internet Timer 		

具體目標 Objective	教學過程及活動 Class Activities	教學資源 Class Resources	時間 Duration	備註 Notes
	<ul style="list-style-type: none"> • Attendance • Review behavior / Team points • The lab will already be set up for the students (2) 250 mL beakers; 1 with 200 mL of sand and the other with 200 mL of water • They will then turn off the lab on the teacher's command and record the temperatures of each thermometer every 2 minutes onto their data sheet • They will verbalize in English the results • The students will break down and cleanup the lab • The student will state in English <i>What is a land breeze and what is a sea breeze?</i> 		<p>2 minutes</p> <p>2 minutes</p> <p>10 minutes</p> <p>10 minutes</p> <p>10 minutes</p> <p>5 minutes</p> <p>10 minutes</p>	<p>Beaker, Thermometer, Sand, Aquarium, Heat Lamp, Data Sheet</p>

堂次 Class	Class 4	領域 Subject	Drawing, Labeling & Verbalizing Land & Sea Breeze
單元主題 Unit Theme	Science and Wind	設計者 Course Planner	John Strain
教學對象 Target Audience	5 th grade students	教材來源 Source of Class Materials	In Classroom
教學時間 Course Duration and Time	Fifty minute class (3 teachers team)		
單元目標 Course Objective	<ul style="list-style-type: none"> • To introduce new English vocabulary words • To use the new vocabulary to perform science experiments • To record their science experiment results on a data sheet in English • To vocalize their result in English to the class • To have fun learning English 		
教學目標 Class Objective	<ul style="list-style-type: none"> • The students will use their data to place on a graph • The students will verbalize the difference between a Land Breeze and a Sea Breeze using their graph & data sheet 		
教學資源 Class Resources	<ul style="list-style-type: none"> • Plastic Aquarium (6), Beakers (12), Thermometers (12) , Sand (1000 mL) • 1000 mL Plastic Pitch of water, Heat Lamp & Extension Cords, Data sheet (each student), Internet Timer 		

具體目標 Objective	教學過程及活動 Class Activities	教學資源 Class Resources	時間 Duration	備註 Notes
	<ul style="list-style-type: none"> • Show how to graph • The students will graph the data results • The students will verbalize the difference between a Sea Breeze and a Land Breeze • Show website for English at home 	White board Worksheet Worksheet	5 minutes 15 minutes 10 minutes 20 minutes	