



PROCEEDINGS OF

THE 5th REGIONAL CONFERENCE ON GRADUATE RESEARCH

THEME "SUSTAINABLE BUSINESS GROWTH, CHALLENGES, MEASURES AND SOLUTIONS IN GLOBAL SCENARIO"

18 January 2020

Sripatum University, Khon Kaen Campus, Khon Kaen, Thailand















Editors:

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Proceedings of The 5th Regional Conference on Graduate Research



Theme "Sustainable Business Growth, Challenges, Measures and Solutions in Global Scenario" 18 January 2020

Sripatum University, Khon Kaen Campus, Khon Kaen, Thailand

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Prof. Dr. George C. Hadjinicola, University of Cyprus, Cyprus

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Welcome Address from Conference Honorary Chairs

It is a great pleasure and honor for us, on behalf of *The 5th Regional Conference on Graduate Research*, to welcome you all to the world famous festival. First of all, we would like to thank the co-organizers, namely Graduate College of Management, Sripatum University, (Thailand); University of Cyprus (Cyprus); and University of Wollongong in Dubai (United Arab Emirates) for organizing this conference, which is a major multidisciplinary regional platform and important event in the Asean region.

To support the Asean destination for international visitors, the organizers selected Khon Kaen as a conference venue due to it is one of the four major cities of Isan, Thailand, also known as the "big four of Isan", the others being Udon Thani, Nakhon Ratchasima, and Ubon Ratchathani. Thailand's 2014 EU Film Festival also included Khon Kaen, together with Chiang Mai and Bangkok, as host locations.

To conclude my address, we would like to thank Sripatum University, University of Cyprus, and University of Wollongong in Dubai that have assisted in the organization to this conference to promote a tourist destination in Khon Kaen to our delegates and guests.

We wish good results in your deliberations.



Dr. Rutchaneeporn Pookayaporn Phukkamarn President, Sripatum University, Thailand RCGR 2020's Honorary Chair



Asst. Prof. Dr. Janya Pookayaporn Assistant to the President, Sripatum University, Thailand RCGR 2020's Honorary Chair

Welcome Address from Conference General Chairs

On behalf of Sripatum University, Khon Kaen Campus (Thailand); Graduate College of Management, Sripatum University (Thailand); University of Cyprus (Cyprus); and University of Wollongong in Dubai (United Arab Emirates), we would like to welcome you to participate in *The 5th Regional Conference on Graduate Research* which will take place at Sripatum University on 18 January, 2020 in Khon Kaen, Thailand.

The conference will be an exciting event bringing international and interdisciplinary expertise in a rapidly developing field together for one day. It will provide an opportunity for experts in business, management, marketing, accounting, communication arts, social sciences, humanities, science, and engineering from worldwide to exchange and discuss ideas and information.

In a present and future issue, we will cover more on the following topic as "Sustainable Business Growth, Challenges, Measures and Solutions in Global Scenario". This Conference delivers the most up-to-date issues, and also provides opportunity for CIOs, CEOs, industry leaders, managers, academics, and government officials to exchange ideas on future business co-operation trends and best practices. This one day conference is an excellent opportunity for you to meet with other professional members from all over the world, share the view of graduate research internationally.

We would also like to take this opportunity to express our sincere thanks to all the presenters, delegates, reviewers, advisory committee members, local organization committee members, and guest speakers for their interesting and valued contributions. On behalf of the organizers, we would like to personally apologize for any difficulties you might have encountered while attending this conference and wish all of you a very successful and fruitful deliberations.



Assoc. Prof. Dr. Vichit U-on Sripatum University, Thailand RCGR 2020's General Chair



Prof. Dr. George C. Hadjinicola Lecturer, University of Cyprus, Cyprus RCGR 2020's General Chair



Assoc. Prof. Dr. Ioannis Manikas University of Wollongong in Dubai, United Arab Emirates RCGR 2020's General Chair

Welcome Address from Conference Program Chairs

Welcome to *The 5th Regional Conference on Graduate Research* in Khon Kaen, Thailand. This professional meeting is thought to provide an excellent opportunity for faculty, scholars, Ph.D. students, administrators, and practitioners to meet well-known experts from all over the world and to discuss innovative ideas, results of research, and best practices on various topics of Business, Management, Marketing, Accounting, Communication Arts, Social Sciences, Humanities, Science, and Engineering, and many other related issues.

The RCGR conference continues to be highly competitive and very well perceived by the international community, attracting excellent contributions and active participation. This year, researchers from more than 5 countries have submitted their papers to the 5th RCGR 2020 international conference. After a careful review process by members of the international program committee, 113 quality papers have been accepted for presentation at the conference. We thank all authors who dedicated a particular effort to contribute to the conference.

We wish you a pleasant stay in Khon Kaen, and a successful conference.



Asst. Prof. Dr. Ungul Laptaned Thai Researchers' Consortium of Value Chain Management and Logistics, Thailand RCGR 2020's Program Chair



Prof. Dr. Andreas C. Soteriou Lecturer, University of Cyprus, Cyprus RCGR 2020's Program Co-Chair

Speaker Background



Dr. Maarten Pieter Roderik Tau

Dr. Maarten graduated Bachelor of Arts (B.A.) from University of Amsterdam (2001). He is currently Teacher of English for Business Communication Department, Sripatum University Khonkaen. Prior to his appointment as Teacher of EBC department, he had served as a lecturer of English at various schools and colleges for several years in Thailand. He also had worked for over 10 years as a Financial Consultant at leading banks e.g. ABN AMRO, ING and Rabobank in the Netherlands. He had trained many young financial professionals during his career in the banking sector in The Netherlands. He had also worked as a Financial Advisor at Welten Consultancy and at Slegt Financial Services in The Netherlands.

Speaker Background



Tomas Lars Planberg

Tomas graduated B.Sc. Social Work, specialized in the Intercultural and International Social Work in 2003 from the Mid University in Östersund, Sweden. He is currently working as an English teacher in English for Business Communication Department, Sripatum University Khonkaen since Febuary 2019. Before that he has been workingas an English teacher for different English institutes in Thailand. In his work as a social worker, he has a widespread experience working with teenagers andfamilies from different countries who have moved to Sweden. Moreover, he has been living in U.S.A, Ecuador, Israel, Sri Lanka and worked as a supervisor and coordinator for youth group in culture study. With his interests in culture, education, business and political issues, his main focus is to work with young people by education.

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Session Schedule



The 5th Regional Conference on Graduate Research Sripatum University, Khon Kaen Campus, Khon Kaen, Thailand Theme: Sustainable Business Growth, Challenges, Measures and Solutions in Global Scenario

	Floor 2, Room 307						SG1 Laws and Public Administration 1		SG2 Laws and Public Administration 2		SG3 Organization and Human Resource Management		
	Floor 2, Room 306						SF1 Operation and Supply Chain Management		SF2 Communication Arts		SF3 Accounting, Finance, and Banking		
n Auditorium	Floor 2, Room 305		:: Honorary Chair land	S: neral Chair land	s: s Global Economy" se Netherlands eden	え	SE1 Accounting, Finance, and Banking 1	EAK	SE2 Accounting, Finance, and Banking 2		SE3 Accounting, Finance, and Banking 3	sa Hotel,	: rogram Chair ium of stics, Thailand
Floor 3, Room 206 – Pookayapom Auditorium	Floor 2, Room 304	REGISTRATION	OPENING ADDRESS: Asst. Prof. Dr. Janya Pookayaporn, Honorary Chair Sripatum University, Thailand	WELCOME ADDRESS: Assoc. Prof. Dr. Vichit U-on, General Chair Sripatum University, Thailand	KEYNOTE ADDRESS: "Sustainable Business Growth Towards Global Economy" Dr. Tau Maarten Pieter Rpderik, The Netherlands Tomas Lars Planberg, Sweden	SATURDAY AM BREAK	SD1 Business and Marketing Management 1	SATURDAY LUNCH BREAK	SD2 Business and Marketing Management 2	SATURDAY PM BREAK	SD3 Business and Marketing Management 3	WELCOME DINNERS: Authentic Chinese Food, Kosa Hotel, Khon Kaen, Thailand	CLOSING ADDRESS: Asst. Prof. Dr. Ungul Laptaned, Program Chair Thai Researchers' Consortium of Value Chain Management and Logistics, Thailand
Floor 3, Ro	Floor 2, Room 303		Asst. Prof. Dr.	Assoc. Pr Sri	"Sustainable Busi Dr. Tau Maar Tom		SC1 Educational Administration and Planning 3	√S	SC2 Educational Administration and Planning 6		SC3 Educational Administration and Planning 9	Educational Administration Planning 9	Asst. Prof. I Thai Value Chain
	Floor 2, Room 302						SB1 Educational Administration and Planning 2		SB2 Educational Administration and Planning 5		SB3 Educational Administration and Planning 8		
	Floor 2, Room 301						SA1 Educational Administration and Planning 1		SA2 Educational Administration and Planning 4		SA3 Educational Administration and Planning 7		
Room		08:00 - 06:00	09:00 - 09:15	09:15 – 09:30	09:30 – 10:45	10:45 – 11:00	11:00 – 12:20	12:20 – 13:20	13:20 – 15:00	15:00 – 15:20	15:20 – 18:20	19:00 – 21:00	21:00 – 21:15
Saturday (S) 18 January 20	,												

Saturday, 18 January 2020

Code	Session	Chair	Room	Start	Finish
SRE	Registration Saturday	Yongyut Homthong	Floor 3, Room 206	08:00	09:00

Code	Ses	Session Chair	Room	Start	Finish	
SOA	Opening A	Opening Addresses Asst. Prof. Dr. Ungul Laptaned	Floor 3, Room 206	09:15	09:30	
	09:00	09:15	Asst. Prof. Dr. Jany	ening Address: va Pookayaporn, Honorary C n University, Thailand	chair	
	09:15 09:30		Assoc. Prof. Di	Icome Address: r. Vichit U-on, General Chair n University, Thailand		

Code	Session		Session Master of Ceremonies		Start	Finish
SKA	Keynote /	synote Addresses Assoc. Prof. Dr. Vichit U-on Floor 3, Room 206		09:30	10:45	
	09:30 10:45		Sustainable Business Growth Towards	Global Economy		

Code	Session	Room	Start	Finish
SAB	Saturday AM Break	Hall	10.45	11:00

Code	Ses	sion	Chair	Room	Start	Finish
SA1	Educational Administration and Planning 1		Dr.Cherdsak Srisangchai Floor 2, Room 301		11:00	12:20
0001	11:00	11:20	nformation System Development for Education Loan in Rajamangala University of Fechnology Isan, Nakhonratchasima (e-RMUTI Education Loan) Apiradee Muankhamla and Yaowaret Jantakat			
0020	11:20	11:40	The Development of Thai Vocabulary Reading Skill by Using the Thai Reading Supplementary Exercises for Grade 2 Students' of Banphukambao School Khonkaen Primary Educational Service Area Office 4 Penprapa Anuntapum, Chakkaphan Chancharoen, and Supachai Janpum			
0022	11:40	12:00	A Feasibility Study of the Bachelor of Arts 2020 Saowanee Thapphet	S Curriculum Development 1	ourism Depa	rtment,
0025	12:00	12:20	Development of Problem Solving Skills or Students from Intornwittaya School Nantawan Kumbua, Suphat Punpattanak	, , ,		Grade 2

Code	Session		Chair	Room	Start	Finish		
SB1	Educational Administration and Planning 2		Dr.Chakkaphan Chancharoen	Floor 2, Room 302	11:00	12:20		
0050	11:00 11:20		The Effects of Learning Using Graphic Organizers in the Topic of Personal and Family La on Learning Achievement and Critical Thinking Ability of Mathayom Suksa II Students at Chaiya Wittaya School in Surat Thani Province Naiyanee Krainara					

0054	11:20	11:40	The Development of Spelling Skill Achievement Using TGT Cooperative Learning Technique for Grade 4 Students BanNaAngkam School Loei Primary Educational Service Area Office 2 Prapassara Junpae, Supachai Janpum, and Pimpilai Saengtup
0056	11:40	12:00	Cooperative Learning Technique Learning Together With Social Media. to Promote Teamwork in Physics Subject Mechanical Balance. for Grade 10 Students Natcha Bubpamalo, Paisarn Worakham, and Natchanok Jansawang
0057	12:00	12:20	Subtitling Swear Words in Netflix Series from English into Thai: A Case Study of "The End of the F***ing World Tareerat Hirunnukroa and Boonlert Wongprom

Code	Session Educational Administration and Planning 3		Chair	Room	Start	Finish
SC1			Administration and		11:00	12:20
0089	11:00	11:20	The Development of E-Book Instructional Media Fundamental Knowledge about for M.1 of Khaokaewwittayasan School, the Secondary Educational Service Area Dolnapha Polpan, Jirayu Srisangachai, and Jiraporn Loonprom			
0090	11:20	11:40	Developing Reading Skills of Early Childhood by Using Multimedia of Inthornsuk: Students in Office of the Private Education Commission Jaruwan Kumbua, Pitak Polkacha, and Weeradet Xata			
0092	The Development of Division Skill through Activity Packages for Grade 3 Students 11:40 12:00 Kokklang School, Khonkaen Primary Educational Service Area Office 4 Krittiya Phetnak, Chakkaphan Chancharoen, and Virat Chareonchua				at Ban	
0093	12:00	12:20	STEM Education Enhances Problem Solvand Force of Grade 8 Students Jinthanath Makchit, Paisan Worakham, a		Achievement	on Motion

Code	Ses	Session Chair Room		Room	Start	Finish
SD1	Business and Marketing Management 1		Assoc. Prof. Dr.Vichit U-on	Floor 2, Room 304	11:00	12:20
0007	11:00	11:20	Risk Management for Reducing Electric Energy Costs with Balanced Scorecard Pichai Triasom and Marut Khotphan			
0027	11:20	11:40	Factors Affecting The Decision To Join The OCS / PCS Company in Bangkok Metropolitan Region Nutawoot Thoanon			
0037	11:40	12:00	The Relation Between Marketing Mix and Acceptance of Using MYMO Application by GSB in Kamalasai District, Kalasin Chinapa Issaradeth and Nontipan Prayurhong			
0045	12:00	12:20	Modern Management Approach of Restau Nisarawan Piboonpornpong	urant Business in Khon Kae	n Province	

Code	Session		Chair	Room	Start	Finish
SE1	Accounting, Finance, and Banking 1		Dr.Sumana Chantharat	Floor 2, Room 305	11:00	12:20
0018	11:00	11:20	A Study of the Problems in Using Accounting Software Packages for Small and Medium Business in Khon Kaen Province Goraphan Duangjaidee, Kittitat Kiattikhunnawong, Ratcharat Satittayasat, Kanchana Inphaen, Saowanee Lapitakchai, and Palakorn Wiangtai			
0019	11:20	11:40	Readiness of SMEs Accountants in Accession to the ASEAN Economic Community in the Upper Northeastern Region Duenchai Sonklang			
0035	11:40	12:00	A Study of Demand of Knowledge on Accounting and Laws with a Good Life of Ol			

0036	12:00	12:20	The Effects of Economic News On Stock Returns in Thailand Phattharawadee Saelee, Wanvilai Chulaphan, Jorge Fidel Barahona Caceres, and Tanchanok Beirananda
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Code	Ses	sion	Chair Room Start		Finish	
SF1	Supply	tion and / Chain gement	Dr.Virat Chareonchua	Dr.Virat Chareonchua Floor 2, Room 306		12:20
0003	11:00	11:20	A Material Handling System Design in Rice Milling Process: A Case Study of Maekaew Rimilling Seksan Winyangkul, Nuttawat Taerin, Nakorn Chaiwongsakda, Prawet Anan-uea, Chayak Putakamnerd, Kwanruen Sinnarong, Watchara Watanarawee, and Wipobh Jaikhang			Chayakorn
0004	11:20	11:40	Transportation Routing: A Case Study of Thanapiriya Public Company Limited Seksan Winyangkul, Puoyanud Kornkaew, Nakorn Chaiwongsakda, Prawet Anan-uea, Chayakorn Putakamnerd, Kwanruen Sinnarong, Watchara Watanarawee, and Wipobh Jaikhang			,
0010	11:40	12:00	Analysis of the Supply Chain Management of Fresh-Cut Vegetable Packing House for Exporto the United Kingdom Kunrarat Worathatkittikun and Parthana Parthanadee			for Export
0068	12:00	12:20	Waste Reduction in Trailer Maintenance Process: A Case Study of Deuan Sawanh (thaila Co., Ltd. Jirachai Kulliab, Khunnapat Assawapritipong, and Sittichai Waenngern			

Code	Session		Chair	Room	Start	Finish
SG1	Laws and Public Administration 1		Ms.Nisarawan Piboonpornpong	Floor 2, Room 307	11:00	12:20
0011	11:00	11:20		The Role of Lawyers and the Postmortem Examination Santiphong Kumansing and Lert Thueaksaeng		
0012	11:20	11:40	Professional Compulsory Liability Insuran Santiphong Kumansing and Porntap Aon	Professional Compulsory Liability Insurance Medical Santiphong Kumansing and Porntap Aonrat		
0013	11:40	12:00	The People Opinions of the Practices Go Offices of Loei Province and Nongbualam Kalaya Yotcamlue		of the Governr	nent
0014	12:00	12:20	The Security of the State above the Right Facial Detection Technology Najaree Chayaboot	he Security of the State above the Right to Privacy of Citizens: A Case Study of Chines acial Detection Technology		

Code	Session	Room	Start	Finish
SLB	Saturday Lunch Break	Food Court	12:20	13:20

Code	Session		Chair	Room	Start	Finish
SA2	Educational Administration and Planning 4		Dr.Cherdsak Srisangchai	Floor 2, Room 301	13:20	15:00
0026	13:20	13:40	Practice Prathom 4 School under Loei Pri	The Development of Achievement in Solving Multiplication Problems by Using the Skill Practice Prathom 4 School under Loei Primary Education Service Area Office 1 Santipron Puttathongsri, Jirayu Srisangachai, and Ngamprom Onbuakhao		Skill
0028	13:40	14:00	The Development of English Word Reading Ability by Using Phonics Method of grade 1 students at Banphailomnonsombut School Under Udon Thani Primary Education Service Area Office 3 Chollada Suksamran, Chakkaphan Chancharoen, and Thanu Vongjinda			

0031	14:00	14:20	The Development of Learning Activities Based on Geo-Literacy on Human-Environmental Interactions for Mattayomsuksa 1 at Nongbuadaeng Wittaya School the Secondary Educational Service Area Office 30 Chakkit Tophan, Chakkaphan Chanchareon, and Sanae Komsommai
0032	14:20	14:40	The Development of Practice Skills about Human and Environment by Using CIPPA Model For Student In Prathomsuksa 3 at Banphonthong School under Loei Primary Education Service Area Office 1 Jeeraphan Kanpakse Chotwattananusorn, Chakkaphan Chancharoen, and Virat Chareonchua
0034	14:40	15:00	Student Team Achievement Division Together with Education Applications Attapon Jaiwong, Paisarn Worakham, and Panwilai Dokmai

Code	Ses	sion	Chair Room Start		Start	Finish	
SB2	Educational Administration and Planning 5		Dr.Chakkaphan Chancharoen	Floor 2, Room 302	13:20	15:00	
0062	13:20	13:40		Development Quality of Education to be Effective and Sustainable Focus on Classroom-Based by Using PLC Process: Lessons Learned from Study Visit to Japan Theerapong Sangsit and Orațai Santimataneedol			
0063	13:40	14:00	The Development of Skill Practice Packas Suksa 4 at Ban Nongyaplong School Natnichanan Sriphum, Rakkiet Srisunthor		n Solving for F	Prathom	
0066	14:40	15:00		Development of Digital Media Innovation of Science Learning on Nutrients in Food for Prathomsuksa 6 at Nongyaplong School Khon Kaen Primary Educational Service Area Of 2			
0070	14:00	14:20	Learning Management by Online Lessons Mathayom Sueksa 1 Pirada Malam			IL,	
0075	14:20	14:40	The Development of Analytical Thinking Abilities of the Fifth Grade Students by Using the S Thinking Hats Technique Maneerat Kamseekaeo, Cherdsak Srisangachai, and Chakkaphan Chancharoen			sing the Six	
0078	14:40	15:00	The Administrative Standard of the Upright School Project in Educational Institutions under the Sisaket Primary Education Service Area Office 3 Thitimar Taosiri and Surasak Srikrachang				

Code	Ses	sion	Chair	Room	Start	Finish
SC2	Educational Administration and Planning 6		Dr.Sanae Komsommai	Floor 2, Room 303	13:20	15:00
0094	13:20	13:40	Organized Active Learning with Multimedia Technology to Promote Teamwork Skills Biology on Plant Photosynthesis for Grade 11 Students Pirada Thanatkha, Somsanguan Passago, and Paisarn Worakham			lls in
0097	13:40	14:00	for grade 1 students' of Bandonklet School Area Office 1	The Development of English Vocabulary Reading Skill by Using the English Song Activities for grade 1 students' of Bandonklet School Nong Bua Lamphu Primary Educational Service		
0099	14:00	14:20	The Development of Mental Calculation b Students At Anubanchuenchom School ir Office 3 Phumin Duayseedum and Chakkaphan C	Mahasarakham Primary E		
0101	14:20	14:40	School in Nong Khai Primary Educational	The Development of Speaking Skill of Early Childhood by Story Telling at Bannachumchang School in Nong Khai Primary Educational Service Area Office 2 Thanvarath Khamsing, Chakkaphan Chancharoen, and Pitak Polkacha		
0103	14:40	15:00	Discovery Learning Process and Use of Simulation Scenarios to Develop Learning Achievement Long-Term Memory In the Safety and chemistry laboratory Skill for Grade 10 Students Woranut Koengsanthia, Natchanok Jansawang, and Thanawat Somtua			

Code	Ses	sion	Chair	Room	Start	Finish
SD2	Business and Marketing Management 2		Assoc. Prof. Dr.Vichit U-on	Floor 2, Room 304	13:20	15:00
0049	The Relationship between Marketing Mix and Financial Investment Behaviors of Citizens in Nong-Rua, Chumpae, and Sichomphu District, Khon Kaen Province Natda Chaichawakoop and Nontipan Prayurhong					enior
0055	13:40	14:00	The Relationship between Marketing Mix and Purchase Decision of Fresh Coffee at the G Station in Nong Ruea and Chum Phae Districts in Khon Kaen Province Tuntigon siritepsongklod and Nontipan Prayurhong			at the Gas
0059	14:00	14:20	Relation between the Marketing Mix and Service for the Elder in Mueang District, Patrawadi Sripolleh and Nontipan Prayuri	Khon Kaen Province	nerapeutic Ma	assage
0060	14:20	14:40	Factors Influencing Foods Purchase through Applications Grab Food and Food Panda in the Mueang District, Khon Kaen Province Juthatip prachachai, Waraporn Seetha, Panadda Sannupap, Niphaphon Waithaisong, Supatra Pimson, Montatip Singsalasang, Panchita Chainasup, and Palakorn Wiangtai			ong,
0064	14:40	A Correlation between Change of Economic Condition and Competency in Adaptation of				tion of Silk

Code	Session		Chair	Room	Start	Finish
SE2	Accounting, Finance, and Banking 2		Dr.Sumana Chantharat	Floor 2, Room 305	13:20	15:00
0047	13:20	13:40	Guidelines for the Internal Control of the Financial and Accounting of Veterinary Clinics Muang Khonkaen Siriprapa Jampee, Kanyarat Jungpantaw, Sudduangkamon Buatik, Supakan Siriod, Pancheewa Chomphuphuen, and, Palakorn Wiangtai			
0058	13:40	14:00	Factors That Influence The Performance of Accountancy Strategic Management of SME Business in The Province Khon Kaen Amornrat Sanpanna, Thidarat Kengthon, Tanapom Prapun, Muttika Onapai, Pornpimon Moonrat, and Palakorn Wiangtai			
0061	14:00	14:20	The Causal Relationship between Financ Economic Growth in South East Asia Noppadol Senken, Jorge Fidel Barahona Bejrananda	1 / 0)	·	
0065	14:20	14:40	A Study of the Accounting Problem of Small and Medium Business in Khon Kaen Province Tutsanee Hadkhunthod, Chirawan Singkong, Ruttikal Saisopa, Apinya Jomtong, Pawarisa Buanong, and Palakom Wiangtai			
0069	14:40	15:00	Bacinory, and Yoland Whanglar A Study of Factor Analysis of Accounting Major at Sripatum University, Khon Kaen Campus Charinthip Khammaphan, Nisachon Keawpanya, Pattamalak Leakarchok, Varisara Asawapattanakun, Wilasinee Singkornkaew, and Palakorn Wiangtai			

Code	Ses	sion	Chair Room		Start	Finish
SF2	Communication Arts		Dr.Virat Chareonchua	Floor 2, Room 306	13:20	15:00
0072	13:20	13:40	Ethics in Presenting Entertainment News in the Digital Age Athit Kamultra and Trirath Pluempitichaikul			
0073	13:40	14:00	Co., Ltd. and M Pictures Entertainment P	A Study of Thai Film Marketing Communication Strategy at Sahamongkol Film International Co., Ltd. and M Pictures Entertainment Public Co., Ltd. Chonticha Kingkwai and Ongart Singhalumporng		
0077	14:00	14:20		The Impacts of Social Media Marketing Activities on Brand Awareness of Hair Care Brands Patnarin Manokum, Wanvilai Chulaphan, Jorge Fidel Barahona Caceres, and Tanchanok		
0080	14:20	14:40	Ethics on Online Media Creation Monchaya Sabuar and Karatploy Thamka	aew Sillapaurai		

			Practical Use of Designing Cover Pages for Publishing on Websites, Digital Image, and
0109	14:40	15:00	Video Exchange Services
			Thapanapong Sararat, Jiranai Yoddee, and Wassana Yuttachum

Code	Ses	sion	Chair Room Start		Start	Finish
SG2		nd Public stration 2	Ms.Nisarawan Piboonpompong Floor 2, Room 307 13:20			
0015	13:20	13:40	Legal Issues Protecting the Safety by Inje Noppornsiri Lueangam	ecting Body Fillers		
0016	13:40	14:00	The Role of Lawyers and Natural Resour Kusol Sangkananta and Santiphong Kum			
0017	14:00	14:20	Environmental Governance and Design F Management: The Preliminary Study on Pawinee Chuayprakong			Resource
0030	14:20	14:40	Legal Issues of Peer to Peer Lending Kanyanat Supin			
0098	14:20	14:40	The Relationship between Good Governa Satisfaction of Teachers under Office of t Pronphaka Pokhao, Yuenyong Thaijaidee	he Vocational Education Co		
0106	14:40	15:00	Administrative Strategies School Based Management for Local Development of School Under the Sisaket Provincial Administrative Organization Rattanaporn Setkhumbong and Surasak Srikrachang			

Code	Session	Room	Start	Finish
SPB	Saturday PM Break	Hall	15:00	15:20

Code	Session		Chair	Room	Start	Finish
SA3	Educational Administration and Planning 7		Dr.Cherdsak Srisangchai	Floor 2, Room 301	15:20	17:20
0038	15:20	15:40	Development of Drawing and Applying Light and Shadow Skills by using skill Exercise of Secondary Student 1/1, Srisangwan Khon Kaen School, Office of Special Education Administration Kritsana Seechat, Chakkaphan Chancharoen, and Sanae Komsommai			
0040	15:40	16:00	Knowledge Management of Internal Education Quality Assurance in Sisaket Provincial Administration Organization Surasak Yuanchit and Surasak Srikrachang			ncial
0041	16:00	16:20	The Development and Management of Learning in Resources and Local Wisdom of Engli Major Level 3's Students for Enhance the Competencies in the 21st century, Learning and Innovation Skills by Research Based Learning Khobfa Chancharoen and Pitak Polkacha			0
0043	16:20	16:40	A Study of Critical Thinking on Cell and C Mental Model Building Chainarong Rahothan, Somsanguan Pas			ed by
0044	16:40	17:00	Scientific Concepts Study Education in Studying Chemistry on Acid-Base for Grade Students by Organizing Activities using Submicroscopic Diagrams Araya Klinsrisuk, Phanwilai Dokmai, and Thanawat Somtua		e 11	
0046	17:00	17:20	Factors Affecting Admission to the Faculty of Accountancy, Sripratum University, Campus Siriwat Khailammao, Sunisa Sasirath, Oraya Chaken, Matawee Preesit, Sawitri I Sudarat chapa, Lalintip kulanam, Kanokwan khoksathan, and Palakorn Wiangtia		sit, Sawitri Kl	

Code	Session		Chair	Room	Start	Finish
SB3	Educational Administration and Planning 8		Dr.Chakkaphan Chancharoen	Floor 2, Room 302	15:20	17:20
0079	15:20	15:40	The Development of Keyboard Skills by Using Computer Games of Prathomsuksa 6 Students at Bannonsamransomsanook Schoolf in Nongbualamphu Primary Educational Service Area Office 1 Eakkalak Thongkot, Navarat Saekhow, and Pitak Polkacha			
0081	15:40	16:00	Mineral Resources Muang Phayalae Witt	The Development of Grade 8 Students' Learning Achievement in The Science Subject Mineral Resources Muang Phayalae Wittaya School Teemaporn Mobkhunthod, Chakkaphan Chanchareon, and Jiraporn Loonprom		
0084	16:00	16:20	Reading Diphthongs by Using the Exercise of Reading Diphthong Words with Images w Prathom Suksa 2 Students for Ban Phong Nhib School Under the Office of Loei District Prab Haewchan, Chakraphan Chancharoen, and Pannapa Songsangkaew			
0085	16:20	16:40	of Thairatwittaya 105 (Chueakmuay Witta Area Office 1	The Development of English Reading Skill by Using the English Fable for Grade 4 Student of Thairatwittaya 105 (Chueakmuay Wittaya) School Nongkhai Primary Educational Servic		
0087	16:40	17:00	The Development of Reading Thai Words Spelling Skill Based on the Final Consonant by Using Color Theory for Prathomsuksa 1 Ban E-Lers School Loei Primary Education Service Area Office 2 Apisit Simmalee, Chakkaphan Chancharoen, and Thanu Vongjinda			
0088	17:00	17:20	A Development of Instructional Materials by Using Augmented Reality about Hydrocal Compounds for Grade 12 Students of Konsarnwitthayakom School under Secondary Educational Service Area Office 30 (SESAO) Phuricha Phonthapthim, Navarat Saekhow, and Jiraporn Loonprom			

Code	Session		Chair	Room	Start	Finish
SC3	Educational Administration and Planning 9		Dr.Sanae Komsommai	Floor 2, Room 303	15:20	16:40
0110	15:20	15:40	A Development of a Model of Teaching and Learning Activities by Using Basic Coding Knowledge Games of Grade 5 Student Computational Science of Anubankhonkaen S under Khon Kaen Primary Educational Service Area Office 1 Chanchai Pommalong, Chakkaphan Chancharoen, and Thanu Vongjinda		en Šchool	
0111	15:40	16:00	The Development of Computer Skills usir Wang Khon Yom School under Khon Kae Ariyaphap Diloklap, Chakkaphan Chanch	en Primary Educational Serv	ice Area 5	Nong Hai
0112	16:00	16:20	English Vocabulary Writing Ability Development by Using Games For Mathayom Sueksa 2 Students, Anukoolnaree School, Muang District, Kalasin Province Nattaporn Phutong			Sueksa 2
0113	<mark>16:20</mark>	16:40	Satriwithaya High School		The Development of Student's Chinese Speaking Skill Using Collaborative Activities in	

Code	Session		Chair	Room	Start	Finish
SD3	Business and Marketing Management 3		Assoc. Prof. Dr.Vichit U-on	Floor 2, Room 304	15:20	17:20
0067	15:20	15:40	The Relationship between Marketing Mix and Its Effects on Dietary Supplement Produc Buying Decision of the Elderly in Chum Phae Sub District, Nong Rue Districts, Khon Ka Province Sasiprapa Khunprathum and Nontipan Prayurhong			
0071	15:40	16:00	Factors Affecting the Decision Making on Purchasing Products from the Online Applic Mueang District, Khon Kaen Province Jiraporn Samranwong, Duangkamon Phanwong, Suparat Dipaen, Boonyanoot Thepw Saijai Mueangson, and Palakorn Wiangtai			

0076	16:00	16:20	The Factors Influencing to Decision Making in Selecting the Elderly Nursing Home Care in Khon Kaen Province
			Pimyada Punbang and Nontipan Prayurhong
			The Influence of Perceived Brand Equity on Decision to Buy Maternity and Baby Products
0082	16:20	16:40	VIA Online Catalogue of Consumer in Bangkok Metropolitan Region
			Pinyada Tampol and Prerapha Taweesuk
			The Effect of the Customer's Satisfaction on Loyalty Towards Using Karaoke in Muang
0096	16:40	17:00	District, Khon Kaen Province
			Nattapat Hongsaipin and Nontipan Prayurhong
			Characteristics of Highly Successful Members of the Multi-Level Marketing Company,
0107	17:00	17:20	Kangzen-Kenko International Co., Ltd.
			Taradol Akkarapattananon and Nontipan Prayurhong

Code	Ses	sion	Chair	Room	Start	Finish
SE3	Accounting, Finance, and Banking 3		Dr.Sumana Chantharat	Floor 2, Room 305	15:20	18:00
0074	15:20	15:40	Relationship between Book Value, Basic Earnings Per Share, and Diluted Earnings Per Share with the Stock Price of Listed Companies in the Stock Exchange of Thailand: The Case of Complex Structure Companies in SET50 Index Yodsawinkan Kobkanjanapued, Molsikarn Tripattanasit, and Phatnatcha Chotkunakitti			d: The
0086	15:40	16:00	Research of Mudmee Thai Silk Production Group: the Cost and Return of Mudmee Silk Production Podaeng Sub District, Chonnabot District, Khon Kaen Province Patimakorn Khurnmetta, Sirawit SrangNa, Apinya Pimsamran, Narin Tanasri, Raksina Pobwandeetragoon, and Palakorn Weangtai			e Silk
0091	16:00	16:20	The Comparison of the Cost and the Return of Organic Vegetable Planting in Ban Sumrong Ban Kham Sub District, Nam Phong District, Khon Kaen Province Salisa Thuphom, Thanannapat Budda, Intiraporn Sudtasorn, Sudarat Bunput, Jutatip Tanwisai, and Palakorn Wiangtai			
0095	16:20	16:40	The Effect of the Customer's Satisfaction on Loyalty Towards Using Karaoke in Muang District, Khon Kaen Province Nattapat Hongsaipin and Nontipan Prayurhong			uang
0102	16:40	17:00	Factors for Consideration of Accounting (Wanchai Roengchaiyaphum, Siriwimon S Sudarat Wisetthum, and Palakorn Wiang	Saetia, Philaiwan Sonwa, Pa		
0104	17:00	17:20	Success Factors of Accounting Information Administration, Khon Kaen Province Amaralak Sirithongsook	on System in the Departmer		
0105	17:20	17:40	A Study of the Cost and Return from Rice Cultivation for Farmers, Mueang District, Khonkaen Province Krittiya Songkarak, Theeraporn Srijanthao, Thippha chaipromkhieo, Pornnapa Kaewkhamkong, Netnapha Kanpuksee, and Palakorn Wiangtai		,	
0108	17:40	18:00	The Relationship between Financial Management and Lifestyle Planning for Retirement E Court of Justice Officials in Khon Kaen Province Orawan Kanpudsa and Nontipan Prayurhong		ement By	

Code	Session		Chair	Room	Start	Finish
SF3	Applied Science and Computer Technology		Dr.Virat Chareonchua	Floor 2, Room 306	15:20	18:00
0002	15:20	15:40	The Study of Plant Community Structure District Phayao Province Anuwat Anawat and Sitthisak Pinmongkh	,		
0005	15:40	16:00	Design and Construction of Disassembling Tools for Shaft, Pickup And Multipurpose Ve Amnuay Kamincruae, Virote Singmanee, Anucha Srithamma, Pongsak Yoisertsut, and Choosak Ranongthai			

0006	16:00	16:20	Application of Geographic Information System for Monitoring Land Use Changes in Nakhonratchasima City Municipality Yaowaret Jantakat and Pongpun Juntakut
8000	16:20	16:40	Biological Activities and Anthocyanin Determination of Eleutherine Americana Extract Pahol Sansomchai and Onuma Chansatein
0009	16:40	17:00	Effect of N 2 Gas Flow Rate on Structure of Zirconium Nitride Thin Films Deposited by DC Magnetron Sputtering Jindawan Thammapreecha and Aram Chanachot
0023	17:00	17:20	The Development of GSP Application for Computer-Assisted Instruction of Mathematics Teaching in Quadrilateral area unit of Prathom Suksa 6 at Ban Thatum Donrua School, under Maha Sarakham Primary Educational Service Area Office 1 Aemorn Aupata, Chakkaphan Chancharoen, and Navarat Saekhow
0024	17:20	17:40	The Development of Applied High Speed Multiplication Techniques (Vedic Mathematics) for Computer-Assisted Instruction of Mathematics Teaching for Prathom Suksa 4 at Ban Mabo School under Maha Sarakham Primary Educational Service Area Office 2 Phansak Uppate, Suphat Punpattanakul, and Ngamprom Onbuakhao
0053	17:40	18:00	Impact of Nutritional Information on Consumer Healthy Food Choices Sukanya Damkrut, Wanvilai Chulaphan, Jorge Fidel Barahona Caceres, and Tanchanok Bejrananda

Code	Session Organization and Human Resource Management		Chair	Room	Start	Finish
SG3			Ms.Nisarawan Piboonpornpong	Floor 2, Room 307	15:20	18:20
0021	15:20	15:40	A Study of the Relationship between Work Factors and Performance of Employees DokKhun Industrial Group in KhonKaen and NongBuaLamphu Province Kritchada Duangtaecha and Nontipan Prayurhong		s at	
0029	15:40	16:00	Correlation between Personnel Development and Competency in Operation of Government Officers and Personnel under the Court of Justice Office, Khon Kaen Province Jirapant Raknui and Nontipan Prayurhong			vernment
0033	16:00	16:20	A Study of Factors Effecting to The Organizational Commitment of Vocational Teachers in Udonthani Province Juthamat Saikeaw and Vorapon Klongcherngsorn			chers in
0039	16:20	16:40	Motivation Factors and Transformational Leadership Affecting Organizational Commitment of the Construction Business in Bangkok Jirapach Pongsunont and Natsapun Paopun			nmitment of
0042	16:40	17:00	A Study of the Relationship between Work Motivation and Work Efficiency of the Court Officials in the KhonKaen District Chanaporn Khadun and Nontipan Prayurhong			Court
0048	17:00	17:20	The Cost and Compensation of Broiler Ra Khon Kaen Ploynaphat Nonting, Nilubon Wongwan, A and Phatsarawan Duangthipjan	0 0	,	,
0052	17:20	17:40	A Study of the Relationship between the Administrators and School Effectiveness Area Office 20 Yuenyong Thaijaidee, Vitorn Vipahot, Vor	under Secondary Education	nal Service	akul
0083	17:40	18:00	The Evaluation of Occupational Support Community Enterprise, Koh Kok Community, Rayong Province Phatnatcha Chotkunakitti, Yodsawinkan Kobkanjanapued, Molsikarn Tripattanasit, and Ittidej Seangpuang			nity,
0100	18:00	18:20	Seangpuang A Study of the Relationship between Stress, Quality of Life and Work Efficiency of Personne Roi-Et Area Revenue Office Punthararat Nachaichot and Nontipan Prayurhong			Personnel

Code	Session		Chair	Room	Start	Finish
SWD	Welcome Dinners		Asst. Prof. Dr. Ungul Laptaned	Kosa Hotel	19:00	21:00
	19:00	21:00	Authentic Ch	come Dinners: iinese Food, Kosa Hotel, n Kaen, Thailand		

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The Development of Student's Chinese Speaking Skill Using Collaborative Activities in Satriwithaya High School



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Abstract

Collaborative learning is a new teaching method, which is student-centered. It is also a new teaching model to apply it in teaching Chinese as a foreign language class. This research will be conducted in the Chinese class of Satriwithaya high school. The purpose of this study is twofold: to study the collaborative activities in Chinese speaking class, and to evaluate students 'Chinese speaking skill after using collaborative activities in the Chinese speaking class. In teaching experiments, this teaching experiment is based on a review of the literature. This paper selected three collaborative activities for teaching experiments, namely outdoor practice (Chinese interview), business talk (role play) and Chinese tongue twister. Using the results of teaching experiments and classroom observation methods, students' vocabulary learning, grammar learning, and oral expression are used to evaluate whether collaborative activities can help students improve their oral skills in the Chinese as a foreign language. In the discussion section, the paper will also analyze the results of the experiment and the results of classroom observations, and put forward corresponding suggestions for the application of collaborative activities in the classroom of Chinese as a foreign language.

Keywords: Chinese Speaks Skill, Chinese Teach as a Foreign Language, Collaboration Activity

1. Introduction

Since the beginning of the 21st century, with the strong support and promotion of the state, the world has set off a frenzy of "Chinese fever". As of July 2018, data showed that more than 1 million people in Thailand are learning Chinese, and more than 300 schools have opened Chinese courses. At the same time, Thailand's tourism industry is developing better and better. Every year, more than one million Chinese tourists come to Thailand, creating a favorable language training environment for Thai people to learn Chinese.

The language environment is very important for foreign language teaching. How to create a better language environment for students under limited conditions and how to improve students' speaking ability is a problem worth studying. This thesis explores the role of collaborative activities in the Chinese classroom and applies three main collaborative activities: outdoor practice (Chinese interview), (role play), and Chinese tongue twister competition to the Chinese as a foreign language classroom.

According to last year's tourism data from Internet, more than 10 million Chinese tourists visit Thailand every year, which is a favorable environment for Thai students to learn Chinese. In my Chinese class, I not only encourage students to go out of the class and communicate with these Chinese tourists, but also encourage students to apply what they have learned into practical communication. Therefore, I combine collaborative activities with traditional classes to make my class plan. After conducting the research, I found that this idea is very similar to the "flip classroom" proposed by the Bangladeshi American Salman Khan, but the difference is that the flip classroom is a typical classroom explanation time by experiment and in-class discussion. The activities are replaced by other activities, and the classroom explanations are completed by students in extracurricular activities in the form of video and other media. In this study, the main purpose is to use collaborative activities to help students to practice, discuss and obtain information, and keep the typical classroom explanations.

Satriwithaya School is located near the famous scenic spots of Khao San Road and Grand Palace in Bangkok, Thailand. There are many Chinese tourists and it is a very good Chinese learning environment. Satriwithaya High School Year 2 students have a good ability to read and write Chinese, but there is a lack of systematic training on listening and speaking Chinese, which causes them to write Chinese but can't speak or listen Chinese. They are very interested in Chinese, like Chinese stars, and like teamwork. In my listening course of Chinese Proficiency Test (HSK) 3, I know that they have a lot of vocabulary, but in the listening part they need to a lot of times to fine out those words they had learned already because they lack language Environment, there is no frequent training in Chinese listening also. The vocabulary that appears in the listening part of the Chinese Proficiency Test is mostly everyday communication. I began to think about how to create a Chinese environment to exercise their oral skills in a limited environment.

However, this class has a relatively obvious flaw that is the students' Chinese level is quite different, and the students with high level can already carry out simple Chinese communication, but the students with low level can't understand even the simplest Chinese vocabulary. This makes it very difficult for teachers to design a teaching plan.

2. Research Objective

Here have two objectives:

- 1. To study the collaborative activities in Chinese speaking class.
- 2. To evaluate students 'speaking skills after using collaborative activities in Chinese speaking class.

3. Conceptual Framework

Collaborative activities are the independent variable, Students achievement is the dependent one. The relationship of the two is that, if the Collaborative activities are not effective or does not produce effective-ness, it may affect the students' performances inside the classroom and make the students learn nothing or they will not gain enough and more knowledge.



Figures 1 Conceptual Framework

4. Definition of Terms

Collaborative activities are classroom activities designed on the basis of the concept of collaborative learning. Activities that engage students in self-learning and self-improvement through peer learning and group discussions. Collaborative learning refers to a strategy of organizing students to learn through groups or teams. Collaborative work among group members is an integral part of achieving class learning goals. Individuals (students) in group assistance activities can share the information and learning materials they explored and discovered during the learning process with other group members, and even with other groups or classmates.

There are seven basic models of collaborative learning: competition, debate, cooperation, problem solving, partnership, design, and role playing.

Vocabulary teaching mainly refers to the teaching of pronunciation, meaning, writing, and grammar in language teaching. Students must master a certain amount of vocabulary to perform listening, speaking, reading, writing, and translation in language. The vocabulary teaching in spoken Chinese teaching is to promote the generation of students' Chinese communicative competence as the fundamental purpose. Vocabulary teaching in spoken language teaching is not conducted in isolation, but is related to the teaching of phonetics, grammar, and pragmatics.

Grammar teaching is to teach students how to sort vocabulary so that they become a sentence or phrase that can clearly express meaning. Therefore, grammar teaching and vocabulary teaching will be conducted simultaneously in the spoken Chinese class.

Pronunciation in English language teaching, English teachers often emphasize that it is not necessary to have a personal accent when the pronunciation is accurate or not, as long as the other

party can understand the meaning you express. However, in Chinese teaching, based on the characteristics of Chinese tones, once the pronunciation is inaccurate, it can easily cause misunderstanding. Therefore, pronunciation practice is necessary in spoken Chinese teaching. Your Chinese can have a personal accent, but the pronunciation must be accurate.

Oral skills .Most papers use the term "communicative competence" to describe students' Oral and written skills in language learning. In this study, "oral skills" means the skills required to use spoken Chinese effectively and appropriately in social situations. This project focuses on students' oral competency mainly on three aspects: students' oral test scores, oral production and quality of spoken Chinese

5. Research Design

This part has three activities; one is outdoor learning: interview Chinese tourists, two indoor learning: business conversation (B) and tongue twister competition.

5.1 The experiment purpose

The group task is determined by five groups. Summarize the teaching advantages of collaborative activities in the Chinese classroom, and analyze the teaching methods which have obvious promotion effects on students' learning Chinese, namely vocabulary, Chinese pronunciation and Chinese expression ability. At the same time, it is necessary to analyze the shortcomings of the teaching method, and propose corresponding solutions and opinions to provide effective learning programs for Thai middle school students' Chinese character learning, which makes this teaching method, play a better role in teaching Chinese as a foreign language. From a certain level, it also promotes the development of teaching Chinese as a foreign language to a certain extent.

5.2 Overview of teaching research objects

In the experiment, we will conduct traditional classroom teaching and test. In this test, we can get a list of high-level and low-level students. A total of 40 students are divided into 8 groups, so the composition of the group is based on the scores of this test to select 4 high-score and 4 low-score students

5.3 Teaching experiment content (course design)

Table 1 Outdoor Learning's Class Plan

		Learn Fruit vocabulary: 榴莲、山竹、莲雾、红毛丹、蛇皮果、龙宫果、芒果、小菠萝
		What are the famous attractions in tions: 大皇宫、考山路、暹罗广场
		What are the famous tourist cities in Thailand?wocabulary· 谱迈、 善吉、 大城、 华欣、 芭提界
		What are the famous foods in Thailand?
		Learn Food name: 木瓜沙拉、芒果糯米饭、炒河粉、猪肉串、海鲜自助、水果自助
		3.Leaning grammar a. 比如(such as)
		eg:秦国有很多城市,比如曼谷、普吉和清迈。(There are many cities in Thailand, such as Bangkok, Phuket
		Mai.)
		b. 蓛(most)
		eg:小明是我们班最高的人。(Yunnan is the most beautiful province in southern China)
		c.喜欢(lkie)
		eg.我喜欢你。(I like you)
		d.些(some)
		eg.这里有一些苹果。(there are some apples)
		e. ↑ (universal measure word)
		$eg\uparrow\uparrow\downarrow_{\circ}$ (a person)
	students	
9	record new words	Student writ down new word and Remember those word
		1.Self-introduction
		不好意思,我叫
- 1	 interview	(Excuse me, my name is, we are from Could we interview you some questions about tourism in Thailand?)
_	skills	2. Reference questions
		A. 你去过曼谷的哪些景点呢?最喜欢哪个景点呢?
		What tourist attractions have you visited in Bangkok? Which scenic spot do you like best?
		B. 你觉得泰国的食物怎么样?比如
		What do you think of Thai food? Such as

		C. 你觉得泰国人怎么样?比如 What do you think of Thai people? Such as D. 你还去过曼谷的哪些地方?比如 Where else have you been in Bangkok? Such as E. 你最喜欢泰国的什么水果?比如 What's your favorite fruit in Thailand? Such as
∞	Students group themselves and make requirements	Requirements: a. Each student must ask more than one question b. Each group must interview more than two Chinese tourists c. Group activities, not individual action, everyone must pay attention to safety. d. Shoot the interview as video and send it to the teacher.

Table 2 Business Conversation's Class Plan

-	Teaching	Let students review the related vocabulary and master the spoken skills of selling.
-	purpose	
r	Teaching	Students prepare tasks (saving class time and increasing the time for class discussion sessions)
1	Preparation	
		1.Fruit vocabulary:
		榴莲(durian)山竹(mangosteen)莲雾(lotus mist)红毛丹(rambutan)蛇皮果(snake fruit)龙功果(Long
		Kong)芒果(mango)小菠萝(small
		pineapple)苹果(apple)龙眼(Iongan)香蕉(banana)火龙果(pitaya)荔枝(litchi)葡萄(grape).
		1. People noun:
r	Teaching	老板(boss)顾客(customer)先生(Sir)小姐(miss)朋友(friend)美女(beauty)帅哥(handsome boy).
n	content	2. Other words:
		买卖(trading), 斤(jin), 两(liang), 公斤(kg), 新鲜(fresh), 甜(sweet), 酸(sour), 熟(ripe), 生(raw), 搭配(match), 铢(baht),
		$+$ (ten), \exists (hundred), $+$ (thousand).
		Phrase: 怎么卖? (how much?) 多少钱? (How much is it?) 可以便宜一点吗? (Can you come down a little?)
		3. Grammar:
		比如(such as) 最(most)喜欢(like) 哪些(which) 哪个(which)
4	4 Teaching key	Expression of price.

	41. C. 31. 14	
	points	
5		Fruit cards and money cards.
		1. Teachers shall write fruit words and people's names on the blackboard, and only write Chinese characters. Students
		Teachers teach students to read one by one, and help students check the translation of new words
		2 Other new words focus on how to use them.
		3.Leaning grammar
		a.公斤 quantifier
		eg.这里有一公斤水果.(Here is a kilo of apples.)
		b.卖sell 买 buy
		eg. 苹果怎么卖? (How Apple sells)
	T.000E	eg. 妈妈去买苹果 (mom go to buy apples)
9		$c.\pm$ have two means
	process	(1) Objective: raw
		eg.这个苹果是生的(This apple is raw)
		(2) Verb: born
		eg. 她生了一个女孩(She gave birth to a girl)
		d.搭配 nonu: collocation
		eg.苹果搭配梨一起卖。(apple sold with pear)
		3. Classroom collaborative activities
		The group is the owner of the fruit stall. The teacher is the customer. Teachers will have cards in their hands to use as
		cash. Students must find a way to get teachers to buy their fruit. The team with the highest value on the card wins the
		prize.

Table 3 Tongue Twister Competition's Class Plan

6. Research Instrument

Table 4 Grading

	Questions	points
Vocabulary:	5	10
Grammar	5	10

Table 5 Pronunciation

Standard	Points
Accurate pronunciation, accurate tone, no accent	10
Accurate pronunciation, accurate tone, slight accent	9-7
Accurate pronunciation, inaccurate tone, severe accent	6-4
Inaccurate pronunciation, inaccurate tone, severe accent	

Table 6 Oral Expression

Standard	Points
Rich in emotion, fluent in expression	10-8
No emotion, fluent	7-5
No emotion, no fluent	1-4

7. Data Analysis

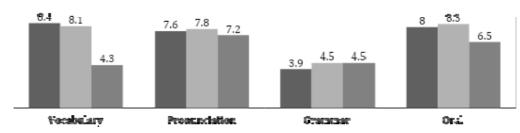
There are two main test methods: traditional paper test and oral test.

Table 7 To study the collaboration activities in Chinese speaking class, so here are the score on the post-test.

	Outdoor learning	Indoor learning	
	Interview Chinese tourists	Business conversation	Tone twister competition
Vocabulary	8.4	8.1	4.3
Pronunciation	7.6	7.8	7.2
Grammar	3.9	4.5	4.5
Oral	8.0	8.3	6.5x

post-test score





Figures 2 To evaluate students 'Chinese speaking skill after using collaborative activities

From this figures we know it can improve students 'Chinese speaking kill.

Here are the details:

Table 8 Outdoor Learning

	Pre - test scheme	Post - test scheme
Vocabulary	5.8	8.4
Pronunciation	4.5	7.6
Grammar	4.5	3.9
Oral skill	3.5	8.0

Table 9 Business Conversation

	Pre - test scheme	Post - test scheme
Vocabulary	4.9	8.1
Pronunciation	5.0	7.8
Grammar	5.5	4.5
Oral skill	4.6	8.3

Table 10 Tongue Twisters

	Pre - test scheme	Post - test scheme
Vocabulary	3.6	4.3
Pronunciation	4.3	7.2
Grammar	4.5	4.5
Oral skill	5.3	6.5

From these tables, we can see that in the three collaborative activities, students' vocabulary, speaking skills and pronunciation have improved to some extent, but grammar has not.

8. Conclusion

Based on those data, we know that students can improve their Chinese speaking skill by using collaboration activities.

Under the impact of modern technology, the traditional methods of education are constantly changing, and new teaching principles are constantly emerging. However, it is undeniable that the current technology has not reached the point that traditional education can be completely excluded. The traditional teaching method still has certain advantages. How to integrate the innovative teaching method into the traditional classroom becomes the direction of future teaching exploration (Wenshen Yu 2001).

Traditional classroom teaching is a kind of knowledge-based teaching, that is, traditional classroom teaching only focuses on the transfer of knowledge. In the classroom, students become containers of knowledge instead of specific individuals--the subject of life. This is the fundamental defect of traditional classroom teaching (Wensen Yu 2001). In recent years, many scholars believe that online teaching will impact the development of traditional classrooms, and maybe one day traditional classrooms will be abandoned by educators. But I don't think traditional classrooms will be replaced but they will be changed. In the second language classroom, the integration of collaborative activities is also a new thinking. According to my teaching experiments, I know that this model is good for students to learn and practice speaking, but it has certain flaws.

- 1. Class discussions help increase students friendship, the unity or feelings of the class students are beneficial to their learning, but this kind of communication will also make it easy for students to discuss other things when communicating.
- 2. This mode is stricter in controlling the classroom time, because the collaborative activities require more time, but the class time is limited, so the teacher should fully consider the use and arrangement of classroom time in the classroom plan.
- 3. In the classroom mood of the students, it is necessary for the teacher to control and guide. Some students who are more isolated are in conflict with the communication process in this collaborative activity. This requires teachers to guide these students to accept this mode slowly.
- 4. In the classroom mood of the students, it is necessary for the teacher to control and guide. Some students who are more isolated are in conflict with the communication process in this collaborative activity. This requires teachers to guide these students to accept this mode slowly.

9. Recommendation

9.1 For the teacher:

Speak hard and practice more, because the class time is limited. In this limited time, try to let the students speak Chinese. The teacher should focus on the key points of teaching and let the students practice more.

Teachers must have independent personality charm and teaching style. The teaching ideas must be clear, so it is easier for students to participate in the classroom activities with the teacher's classroom rhythm.

Assisting in learning is a student-centered learning method, so don't give students too much learning pressure during the teaching process. Especially the introverted students do not like to communicate with their classmates or to resist such group activities. Their performance may not be as good as other people, teachers should lower the expectations of these students, because not every student is suitable for the same teaching method. The teacher must learn to adjust his mentality.

9.2 For students:

To change students' perceptions of not paying attention to spoken English.

Pay attention to the classroom experience of the students and adjust the classroom plan according to the needs of the students.

To observe the emotional communication between students, when the students have an unregulated communication problem, the teacher should intervene in time.

9.3 Spoken Chinese as a Foreign Language

In the oral Chinese speaking class, students only need to exercise Chinese speaking skills. In this process, they should also pay attention to infiltrating some Chinese culture into students.in Jiehui Ren(2014)'s research, we can know that language and culture should be combined in teaching Chinese as a foreign language. For example, when students learn how to introduce themselves in Chinese, they should tell us why the Chinese surname should be placed in front and explain to them the Chinese clan culture.

There are many elements to be considered in the arrangement of collaborative activities. Diversified collaborative activities can be used in the classroom for teaching Chinese as a foreign language. This requires Chinese teachers to consider how to innovate collaborative activities and make full use of students' autonomy to teach. For example, according to the teaching content of the teacher, you can use some Chinese film or mythology to let the students perform the lectures, or let the students learn to sing Chinese songs. The form can be diversified.

The development and integration of new mobile devices and applications have changed our daily lives and learning styles. It would be helpful for instructors to be aware of both the benefits and challenges of adapting mobile assisted language learning in their classrooms (Chuang, Hui-Ya,2016),so in the Chinese class we can use the mobile phone to help students to learn.

The flipped class: an opportunity to engage millennial students through active learning strategies (Amy roehl,Shweta linga redd, Gayla jett shannon,2013). The goal of the Chinese as a Foreign Language Class is to enable non-Chinese characters to use Chinese to communicate in social activities. It can be said that communicativeness is a major feature of language. However, most of the Chinese language teaching in Thailand at this stage ignores this concept. Chinese teaching is used as a regular teaching subject and is only used to cope with examinations. How to make students use Chinese literature is an important classroom. Do not cause embarrassing situations that students can read, read, listen to, and cannot express.

9.4 Choice of classroom

According to the research results of Yan Yonghong and other scholars, the intermediate color temperature fluorescent lamp can produce appropriate amount of benign stimulation to students in the appropriate length of time, which can play a role of "waking up" or "relaxing" to improve the learning efficiency and ease the vision. The effect of brain fatigue, while the effect of high and low color temperature fluorescent lamps is reversed.

First, the classroom needs to be kept clean and tidy. A good environment can make people feel happy. A bad environment will affect the students' mood. The teacher should instill in the students that even if the classroom is used temporarily, it is necessary to keep the classroom clean and convenient, and it is convenient for others to be convenient.

Second, the classroom needs to ensure that there is sufficient light, a suitable color temperature, and a suitable light illuminance. Design classroom lighting according to the orientation or characteristics of the classroom. When the light is too good, it will affect the students to see the blackboard or affect the students' mood. The too bright light will make the students become impatient. When the light is dim, the students will be allowed. It has become a downturn, so lighting in the classroom is also an extremely important part.

9.5 In terms of teaching concepts

The concept of modern teaching is many. According to modern technology and advanced concepts, people began to explore how to transform the passive learning of traditional mode into active learning, so the idea of flipping the classroom appeared.

Combined with the process and results of teaching experiments, collaborative activity learning can slowly transform the traditional teaching mode into a flipping classroom in the course teaching, from passive input to active input. And in Jiaobo's(2010) master thesis paper was a study on the effects of collaborative learning with mobile devices proved that students can also learn collaboratively through mobile phones, which is in line with educational trends of the times(Heng Ngee MOK 2014).

Because these collaborative activities require students to prepare adequately outside the classroom, discuss and explain each other in the classroom to achieve the effect of gaining knowledge in the discussion. Therefore, the role of the teacher in the classroom can be changed from the speaker to the discusser, and the distance between the teacher and the student is narrowed.

We should be bolder in the concept of event design, such as adding Chinese film and television in role-playing (Yuexin Wang, 2017).

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Sripatum University, Thailand

Sripatum University is one of the oldest and most prestigious private universities in Bangkok, Thailand. Dr. Sook Pookayaporn established the university in 1970 under the name of "Thai Suriya College" in order to create opportunities for Thai youths to develop their potential. In 1987, the college was promoted to university status by the Ministry of University Affairs, and has since been known as Sripatum University. "Sripatum" means the "Source of Knowledge Blooming Like a Lotus" and was graciously conferred on the college by Her Royal Highness, the late Princess Mother Srinagarindra (Somdet Phra Srinagarindra Baromarajajanan). She presided over the official opening ceremony of SPU and awarded vocational certificates to the first three graduating classes. Sripatum University is therefore one of the first five private universities of Thailand. The university's main goal is to create well-rounded students who can develop themselves to their chosen fields of study and to instill students with correct attitudes towards education so that they are enthusiastic in their pursuit of knowledge and self-development. This will provide students with a firm foundation for the future after graduation. The university's philosophy is "Education develops human resources who enrich the nation" which focuses on characteristics of Wisdom, Skills, Cheerfulness and Morality.

University of Cyprus, Cyprus

The University of Cyprus was established in 1989 and admitted its first students in 1992. It was founded in response to the growing intellectual needs of the Cypriot people, and is well placed to fulfill several aspirations of the country. The University is a vigorous community of scholars engaged in the generation and diffusion of knowledge. Despite its brief history, the University of Cyprus has earned the appreciation of Cypriot society. Admission for the majority of undergraduate students is by entrance examinations organized by the Ministry of Education and Culture of the Republic of Cyprus.

University of Wollongong in Dubai, United Arab Emirates

The University of Wollongong in Dubai, abbreviated as UOWD, is a private university located in Dubai, United Arab Emirates. The University is one of the UAE's oldest universities, having been founded in 1993. The Campus has over 3,500 students from more than 108 countries. UOWD is one of the UAE's oldest and most prestigious universities. Established in 1993 by the University of Wollongong in Australia - currently ranked in the top 2% of universities in the world (QS World University Rankings 2018) – UOW in Dubai represents a pioneering Australian initiative in the Gulf region.

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