

Learning from Shanghai

EDUCATION IN THE ASIA-PACIFIC REGION: ISSUES, CONCERNS AND PROSPECTS

Volume 21

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Charlene Tan

Learning from Shanghai

Lessons on Achieving Educational Success

 Springer

Charlene Tan
Policy and Leadership Studies
National Institute of Education
Nanyang Technological University
Singapore

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To my husband Lim Pin (twb)

Prologue

As I write the prologue, I'm comfortably seated at home with a shawl wrapped around me. The shawl is lovely – it's made of 100% cashmere, extremely soft to the touch, and hand-painted with delicate plum flowers.

The shawl was given to me by a Shanghai school principal whose school I visited last year. When presenting me with the shawl, he said to me, “Teacher Chen, our school has a gift for you. It's a shawl made in China. Do you know that there're different grades of shawls here? Some cost just 99 yuan (about US\$15) but others many times more.”

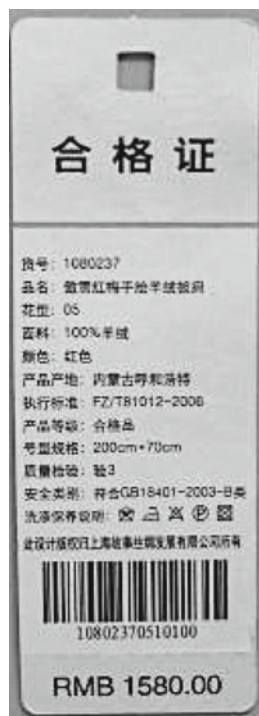


Photo 1 The price tag of the shawl

When I returned to my room, I removed the wrapper and saw the price tag: 1,580 yuan (about US\$250). That's equivalent to about half a month's salary of a beginning teacher in Shanghai.

The shawl's brand was 'Story in Shanghai' [Shanghai gushi]. How apt, I thought, for I had intended to write a story about Shanghai.

The shawl was just one of many gifts I've received from the Shanghai principals when I visited their schools. They arranged for their school drivers to chauffeur me, invited me to expensive meals at posh restaurants, and accompanied me on visits to various places of interest, including a day-trip to nearby Suzhou one weekend.

The warmth and hospitality I've received from the school principals were overwhelming. The principals simply spared no effort to make me feel welcome. Perhaps it helped that they did not see me as just any visitor. I was their course instructor when they studied for a Master's degree in Singapore some years ago. So there's a special teacher-student relationship between us. "One day as my teacher, the rest of my life as my father" [yiri weishi zhongshen weifu], one principal, quoting a Chinese proverb, said to me. A Shanghai teacher I met in a school gave me a gift and said, "Since you're our principal's teacher, you're also our teacher". Indeed, the perceived high status of a teacher and a strong teacher-student bond reflect the sociocultural values held by Shanghai educators.

I was in Shanghai in May and June 2011 to research for this book on education in Shanghai. Shanghai has gained international attention since its impressive performance in the Programme for International Student Assessment (PISA) in 2009. PISA evaluates the quality, equity and efficiency of school systems in some 70 countries that comprise nine-tenths of the world economy (OECD, 2010a). What differentiates PISA from other international assessments is its focus on the students' ability to use their knowledge and skills to meet real-life challenges. Shanghai students emerged top among 65 countries and economies in all 3 categories in 2009: reading, mathematics, and science (OECD, 2010b, 2010c).¹ Shanghai also has the world's highest percentage (76%) of 'resilient students' in 2009, defined as students who come from the bottom quarter of the distribution of socioeconomic background in their country who have scored in the top quarter among students from all countries with similar socioeconomic backgrounds (OECD, 2010e, p. 13).

In a report entitled 'What makes a school successful', OECD defines a successful school system as one that performs above average and shows below-average

¹OECD (2010d, p. 23) defines 'reading', 'mathematics' and 'science' as follows: reading refers to "the capacity of an individual to understand, use, reflect on and engage with written texts in order to achieve his/her goals, to develop his/her knowledge and potential, and to participate in society". Mathematics refers to "the capacity of an individual to formulate, employ and interpret mathematics in a variety of contexts" and "assists individuals in recognising the role that mathematics plays in the world and in making well-founded judgments and decisions that constructive, engaged and reflective citizens would require". Science refers primarily to "the extent to which an individual possesses scientific knowledge and uses that knowledge to identify questions, acquire new knowledge, explain scientific phenomena, draw evidence-based conclusions about science-related issues" and "engages in science-related issues and with the ideas of science, as a reflective citizen".

socioeconomic inequalities (OECD, 2010a, p. 13). Based on this definition, OECD declares that Shanghai is a ‘stunning success’ (OECD, 2010a, p. 3). At the point of writing this book, the results for PISA 2012 have yet been announced. But it is highly probable that Shanghai will continue to out-perform many other countries in PISA and produce many resilient students.

There are a number of factors to account for Shanghai’s educational success (as I shall elaborate in this book), but one key factor is the school leaders. The Shanghai educators I’ve taught and met are all well-versed in international affairs, global in their outlook, IT savvy and even ‘Westernised’ compared to their counterparts in other parts of China. But beneath all these are deeply ingrained sociocultural values, beliefs and logics that shape their behaviours and influence their school leadership styles. And it’s this curious mix of tradition and modernity, a synthesis of East and West, that characterises school leadership, teaching and learning in Shanghai.² It is a story that is waiting to be told.

Like the shawl, this book tells a ‘Shanghai Story’ – a story of a city’s relentless quest for and achievement of ‘stunning success’ in education.

²It is of course difficult to define what one means by ‘East’ and ‘West’. It is beyond the scope of this book to engage in a detailed discussion of the terms. For the purpose of this research, I use the term ‘East’ to refer to China and other East Asian countries such as Japan and South Korea. I use the term ‘West’ to refer to Anglophone countries such as the United States and the United Kingdom.

Acknowledgements

Writing this book has been a privilege and joy for me. I am most grateful to all the Shanghai principals, vice-principals, education officers, teachers and students for providing me with valuable research data. In particular, I am indebted to the school principals in Shanghai who hosted me when I visited their schools in May and June 2011. They, as well as their school staff, have showered me with so much warmth, care and concern that my trip has been most fruitful, enjoyable and memorable!

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All the persons mentioned are not in any way responsible for any mistakes found in this book, which are wholly mine. *Ebenezer*

Singapore
June 2012

Charlene Hwee Phio Tan
(a.k.a. Teacher Chen)

Introduction by the Series Editors

As the Organisation for Economic Cooperation and Development (OECD) in Paris points out, Shanghai has achieved very impressive success in the performance levels achieved by students in the Programme for International Student Assessment (PISA). PISA focuses on the ability of students to use their knowledge and skills to meet real-life challenges. Shanghai students have achieved ‘stunning success’, being top of the 65 countries and areas taking part in the international assessment exercise (PISA), in all of the three areas assessed: reading, mathematics and science.

There has been worldwide interest in explaining how and why Shanghai students are the top performers in PISA. The author of this informative and interesting book seeks to explain this success by answering three key questions: How successful is education in Shanghai? What factors contribute towards educational success in Shanghai? What can the world learn from Shanghai’s education success?

This is an important book on an important subject. It tells the story of Shanghai’s very successful efforts to achieve great educational success for its students and as such provides a role model for others throughout the world who are keen to achieve the same high-level outcomes for their students. It examines international implications of the Shanghai PISA results, and what the rest of the world can learn from Shanghai. This is a fascinating book which provides deep and ensuring insights to explain the success of students in Shanghai. Many researchers and policy makers have gone to Shanghai to try to better understand this phenomena.

Charlene Tan’s research shows that there are many lessons to be learnt from Shanghai. For example, the Shanghai experience demonstrates the desirability and value of taking ideas from elsewhere and then adapting them judiciously to meet the local context. Ideas from other parts of the world are adopted selectively and carefully in Shanghai, and not on a wholesale basis.

The book is a blend of quantitative and qualitative data. We find the interview data particularly insightful, with the reporting of quotes from the interviews doing much to personalize the data and make it even more powerful than would otherwise be the case.

Charlene Tan demonstrates that policy makers, education leaders and teachers in Shanghai are open minded, show a willingness to borrow ideas from elsewhere which

they then modify to accommodate the local context and Chinese culture. As one teacher interviewed put it: 'Teachers in Shanghai do not go solo'. Shanghai educators have a shared vision on education which contributes to education success.

This book has much of value to teach us about achieving educational success. It deserves to be widely read.

Rupert Maclean, Hong Kong Institute of Education
Ryo Watanabe, National Institute for Educational Policy Research (NIER), Tokyo

Contents

1 The Beginning: Shanghai, PISA and Globalisation.....	1
A Brief Introduction to Education in Shanghai	3
Globalisation and Global Forms	5
Cultural Scripts	6
Research Focus	8
Research Method	11
Chapter Outline.....	14
Conclusion	15
References.....	16

Part I The People

2 A Conversation with a Shanghai Principal.....	21
The Conversation	22
Special Characteristics of Shanghai Principals.....	27
Special Characteristic 1.....	28
Special Characteristic 2.....	28
Special Characteristic 3.....	28
Special Characteristic 4.....	28
Special Characteristic 5.....	28
Special Characteristic 6.....	29
Special Characteristics 7	29
Special Characteristics 8	29
Special Characteristics 9	30
Conclusion	31
References.....	31
3 The Chinese Teacher as a Chess Master.....	33
Emotion, Attitude and Values	34
Knowledge and Ability	36
Process and Method	38
Exam Techniques	38

Conclusion	40
References.....	41
4 ‘Education Is Filling a Bucket and Lighting a Fire’:	
The Shanghai Teacher	43
Filling a Bucket and Lighting a Fire	43
Student-Centred and Teacher-Dominated Approach	45
Reflections from Lesson Observations	47
Key Points from Lesson Observation at the Primary Level	47
Key Points from Lesson Observation at the Junior Secondary Level....	48
Key Points from Lesson Observation at the Senior Secondary Level	50
Conclusion	50
References.....	51
5 Tiger Mothers, Dragon Children.....	53
Tiger Mothers in Shanghai.....	53
Your Child Must be Two Years Ahead of His or Her	
Classmates – Tiger Mother	55
Schoolwork Always Comes First and an A-Minus	
Is a Bad Grade – Tiger Mother	59
Dragon Children.....	61
Conclusion	63
References.....	63
Part II The Policy	
6 ‘Chinese-Style’ Education for All.....	69
A Key Challenge in Shanghai.....	72
Measures to Promote Educational Balance and Equality	73
Neighbourhood Counterpart Enrolment.....	73
No More Key-Point Schools	73
Helping Weak Schools	74
Quota Allocation Policy	75
Direct School Admission	76
Conclusion	76
References.....	77
7 ‘To Develop Every Student’: Towards Quality-Oriented	
Education	79
Quality-Oriented Education	80
Curriculum Reforms Towards Quality-Oriented Education	83
Shanghai’s Quality-Oriented Education: Global and Local.....	84
Go Global.....	84
Stay Local.....	85
Conclusion	85
References.....	86

8	Balancing Decentralisation with Centralisation	89
	The Motivations for Decentralisation	90
	Decentralisation in Shanghai.....	90
	The Dynamics of Decentralised Centralism	92
	The Dynamics of Initiation	93
	The Dynamics of Content, Levels and Simultaneity.....	94
	Conclusion	97
	References.....	98
9	Autonomy and Accountability: The School Appraisal System.....	99
	School Developmental and Supervisory Appraisal	100
	The Background.....	100
	The Process	101
	The Targets, Development Domain and Key Elements of Appraisal	102
	Discussion on the School Developmental and Supervisory Appraisal	105
	Conclusion	106
	References.....	107
10	Testing Times: Exams as Means of Central Control	109
	The Dynamics of Centralisation and Decentralisation	110
	Terminal Exams	111
	District-Level Tests	112
	Exams: Love or Hate?.....	114
	Conclusion	116
	References.....	117
11	Examining the Exam Papers.....	119
	Junior Secondary Exam: Chinese Language.....	121
	Examples of Questions.....	122
	Junior Secondary Exam: English Language	123
	Examples of Questions.....	123
	Junior Secondary Exam: Mathematics.....	123
	Examples of Questions.....	124
	Junior Secondary Exam: Physics	124
	Examples of Questions.....	124
	Junior Secondary Exam: Chemistry.....	125
	Examples of Questions.....	125
	Senior Secondary Exam: Chinese Language	126
	Examples of Questions.....	127
	Senior Secondary Exam: English Language.....	127
	Examples of Questions.....	127
	Senior Secondary Exam: Mathematics	127
	Examples of Questions.....	128
	Discussion	128
	Conclusion	129
	References.....	130

12 Taking Teacher Professional Development Seriously 133
 Aspiration, Diligence, Improvement..... 133
 Teacher Professional Development at the Municipal Level..... 134
 Raising the Teachers’ Academic Qualifications 135
 Improving the Teacher Training Model 136
 Promoting School-Based Training 137
 Nurturing Excellent Educators..... 137
 Teacher Professional Development at the District Level 139
 Conclusion 141
 References..... 142

Part III The Practice

13 Towards Innovation and Application: Curriculum Changes in Shanghai Schools 145
 School-Based Curriculum..... 146
 Curriculum 146
 Pedagogy 148
 Assessment..... 148
 Conclusion 150
 References..... 152

14 From Teacher Talk to Student Talk: Dialogue-Style Teaching..... 153
 From Teacher Talk to Student Talk..... 154
 A Case Study of ‘Dialogue-Style School Culture’ 155
 Conclusion 158
 References..... 159

15 The ‘Post-Tea House Teaching’ Approach..... 161
 The ‘Post-Tea House Teaching’ Approach..... 162
 Lesson Delivery and Lesson Preparation..... 164
 Teacher Collaboration and Teacher Research..... 166
 Empirical Cycle..... 166
 An Example of a Lesson 166
 Conclusions..... 167
 References..... 169

16 Critical Thinking: The Chinese Way 171
 Defining Critical Thinking..... 171
 Relies on Criteria..... 172
 Self-Correcting..... 173
 Sensitive to Context..... 173
 Lesson Observation..... 174
 Evaluation of the Lesson: Evidence of Critical Thinking..... 179
 Discussion: ‘Chinese-Style’ Critical Thinking 180
 Conclusion 183
 References..... 184

17	<i>Kung Fu Panda: Teacher Mentoring and Collaboration</i>	185
	Teacher Mentoring	186
	Teacher Collaboration Through Teaching-Research Group	186
	Origin and Structure	186
	Activities	187
	My Observations of a Teaching-Research Group and a Lesson Preparation Group	189
	Teacher Collaboration Through Lesson Observation	190
	Back to Teacher Mentoring	194
	Conclusions	195
	References	197
18	Developing (f)or Appraising: School-Based Teacher Training	199
	Teacher Professional Development	199
	First example	200
	Second Example	200
	Teacher Appraisal	204
	Teacher Competition	207
	Conclusions	210
	References	211
19	The End: Learning ABC from Shanghai	213
	The 4 Components of Education Success	213
	Shanghai's Shared Vision on Education	213
	Standards and Policies	214
	Resources, Work, Research and Teacher Development	215
	Teaching, Learning and Thinking	215
	International Implications: What Can We Learn From Shanghai?	216
	Learning ABC from Shanghai	219
	Conclusion	223
	References	223
	Epilogue	225
	Blurb	227
	About the Author	229
	Glossary of Chinese Terms	231
	Index	237

List of Photos

Note: All photos are taken by the author.

Photo 1	The price tag of the shawl.....	vii
Photo 1.1	An inscription on a rock in a school	1
Photo 2.1	An electronic billboard in a school compound welcoming me to the school. It reads ‘Warmly welcome Dr. Chen Hui Ping of the National Institute of Education, Nanyang Technological University, Singapore to our school!’	21
Photo 2.2	Examples of literature published by some Shanghai schools	26
Photo 3.1	A boy playing Chinese chess with his grandfather while his grandmother looks on.....	33
Photo 3.2	The inscription at East China Normal University in Shanghai reads ‘Seek the truth, foster originality and live up to the name of teacher’ [qiushi chuangzao, weiren shibiao].....	34
Photo 4.1	A Chinese language lesson in a primary school. Notice how everyone is paying attention and the student has to stand up to answer the teacher’s question	47
Photo 4.2	A student (standing on the <i>left</i>) presenting his answer to the class while the teacher (standing on the <i>right</i>) looks on	49
Photo 5.1	Mathematics questions completed by a primary school student in Shanghai	55
Photo 5.2	A primary school pupil in Shanghai studying.....	61
Photo 6.1	The rural landscape of Chongming island	70
Photo 6.2	A village school in Chongming island.....	71
Photo 7.1	The horizontal Chinese characters above the door of this Shanghai school reads ‘All for the sake of the student’	

[yiqie weile xuesheng]. The vertical characters on the left read ‘Educating humans is the priority’ [yuren weixian] and those on the right read ‘Student-oriented’ [xuesheng weiben]..... 80

Photo 7.2 Samples of students’ homework in Shanghai..... 82

Photo 8.1 The artistic talent of Shanghai students can be seen in these sculptures completed by them..... 89

Photo 8.2 A student from a district taking part in an experiential activity..... 95

Photo 9.1 An award-winning Chinese calligraphy produced by a student..... 100

Photo 9.2 Students getting ready for their mandatory daily physical exercise in a school..... 103

Photo 10.1 An ancient chart showing how scholars were promoted to civil officials through the imperial exams. The sign at the top of the chart reads ‘Painting of civil officials promoted to high ranks’..... 109

Photo 10.2 A teacher answering her students’ queries after class. The student on the right is waiting for her turn. 113

Photo 11.1 Assessment books on past year exam papers for junior and senior secondary levels..... 121

Photo 12.1 The school poster reads ‘Compete based on aspiration and not extravagance, on diligence and not intelligence, on improvement and not foundation’ [bubi kuoqi bizhiqi, bubi congming biqinfen, bubi jichu bijinbu] 133

Photo 12.2 A group of teachers learning together 138

Photo 13.1 A student with a robot built by him and his classmates 145

Photo 13.2 An example of an expanded course is student dance 147

Photo 13.3 Student Chinese Orchestra of a school 152

Photo 14.1 The banners in a school read ‘Teacher to talk less and listen more, students to diligently discuss and ask questions’ [laoshi shaojiang duoting, xuesheng qinyi shanwen]..... 155

Photo 15.1 Shanghai students learning how to prepare Chinese tea..... 161

Photo 15.2 The students discussing in pairs 163

Photo 16.1 The students discussing in small groups 176

Photo 16.2 The teacher encourages students to share their answers..... 178

Photo 17.1 Behind this mirror is a hidden room for teachers to observe the lesson unobtrusively (see Photo 17.2)..... 191

Photo 17.2 This is the hidden room behind the mirror shown on Photo 17.1 191

Photo 18.1	A school poster displaying profiles of its award-winning teachers.....	208
Photo 1	A student’s painting of school life.....	225

List of Tables

Table 1.1	Educational structure in Shanghai.....	3
Table 1.2	Basic information of the schools involved in the fieldwork.....	13
Table 8.1	The curriculum for Shanghai schools.....	91
Table 9.1	Target synopsis of ‘school developmental and supervisory appraisal’ for Shanghai secondary and primary schools: Basic targets for school management.....	103
Table 9.2	Target synopsis of ‘school developmental supervisory appraisal’ for Shanghai secondary and primary schools: Guide for school development.....	104
Table 12.1	5-year teacher professional development in a district	140
Table 13.1	‘Good student’ basic quality appraisal table	151
Table 14.1	Traditional classroom teaching appraisal form	157
Table 18.1	School-based teacher professional development.....	201
Table 18.2	School-based platform for teacher professional development	202
Table 18.3	Teacher’s teaching work inspection and appraisal form.....	205

