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Implementing Large Scale Curriculum Reform – Twelve Lessons



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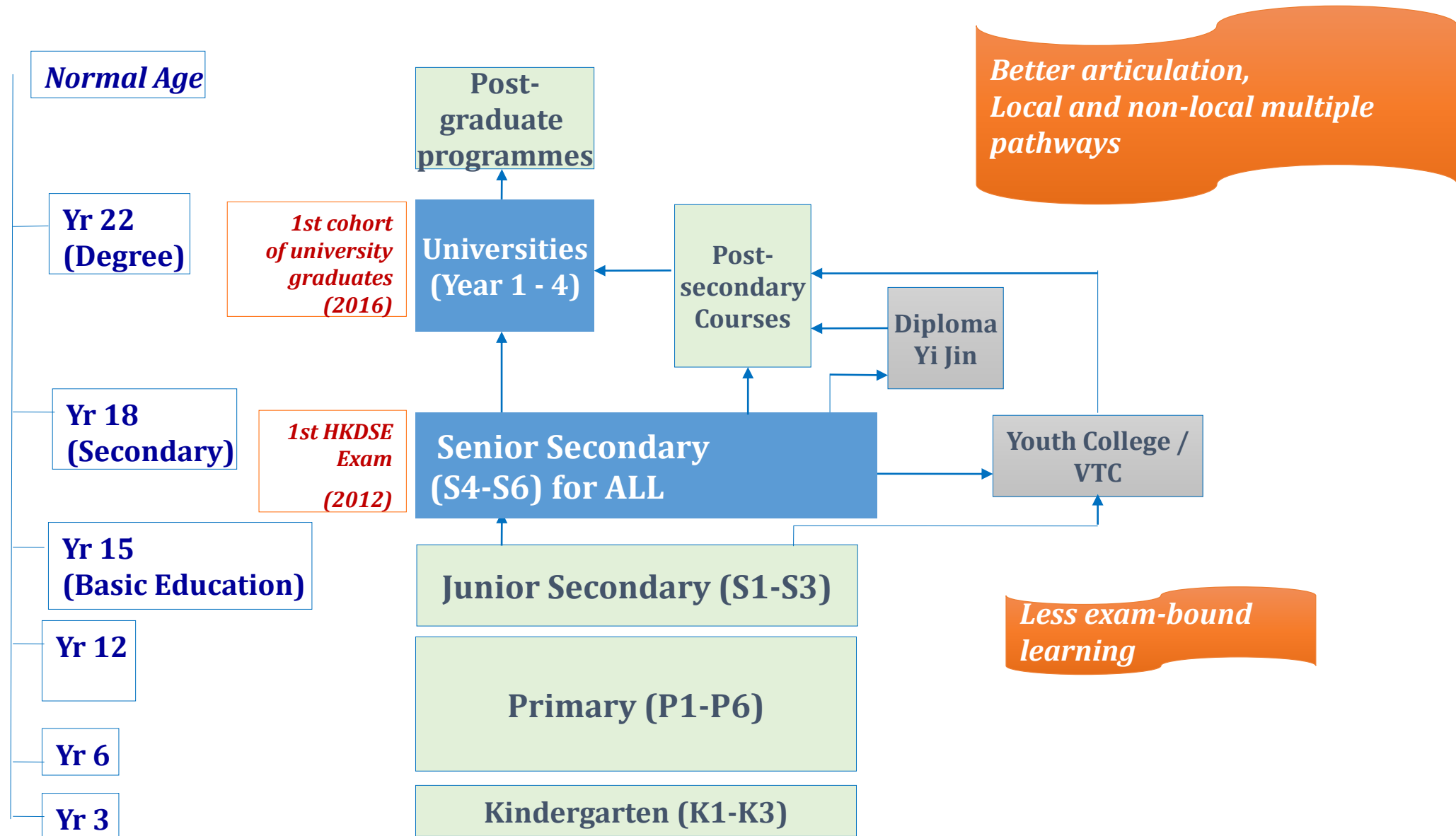
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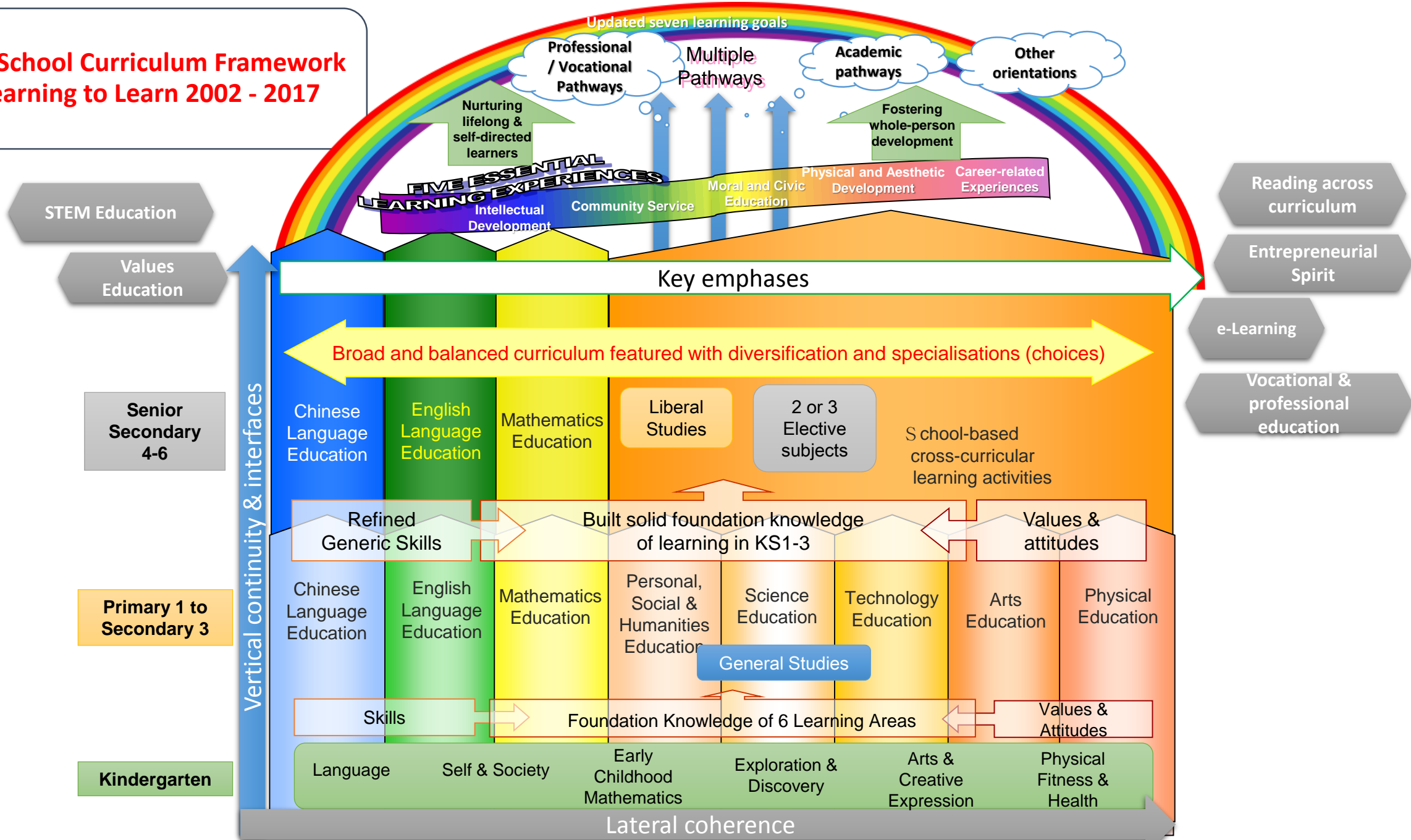
Abstract

The Hong Kong Special Administrative Region has embarked on large scale reforms of the education system since 2000. Curriculum development from kindergarten to senior secondary education is a core reform. Student achievements in international assessments have improved amongst others. The new senior secondary curriculum reform is an indispensable part when moving from a selective schooling system to a comprehensive 15- year free education for ALL, as well as changing 3-Year university programme to 4-year university programme to meet the needs of a fast changing world. This presentation would share twelve lessons of implementing large scale curriculum reform characterized by policy coherence based on practical experiences. The processes are consultative, participative and interactive when multiple stakeholders are involved. The stakeholders include students, teachers, principals, universities, parents, professional associations, different government departments, employers, community organisations, the media, overseas institutions and governments.

Education System of Hong Kong since 2016



Whole-School Curriculum Framework for Learning to Learn 2002 - 2017



Student Achievements in International Assessments

PISA / PIRLS / TIMSS / ICCS

<i>PISA</i>	2000	2003	2006	2009	2012	2015
Reading (Chinese)	6 th	10 th	3 rd	4 th	2 nd	2 nd
Mathematical	1 st	1 st	3 rd	3 rd	3 rd	2 nd
Scientific	3 rd	3 rd	2 nd	3 rd	2 nd	9 th /6 th
No. of participating countries/regions	43	41	57	65	65	72

<i>TIMSS</i>	1999		2003		2007		2011		2015	
	P4	S2	P4	S2	P4	S2	P4	S2	P4	S2
Mathematical	--	4 th	2 nd	3 rd	1 st	4 th	3 rd	4 th	2 nd	4 th
Scientific	--	15 th	4 th	4 th	3 rd	9 th	9 th	8 th	5 th	6 th
No. of participating countries/regions	38		49		59		63		57	

<i>PIRLS</i>	2001	2006	2011	2016
Reading (Chinese)	14 th	2 nd	1 st	3 rd
No. of participating countries/regions	35	45	45	60

Hong Kong Education System : International Affirmation

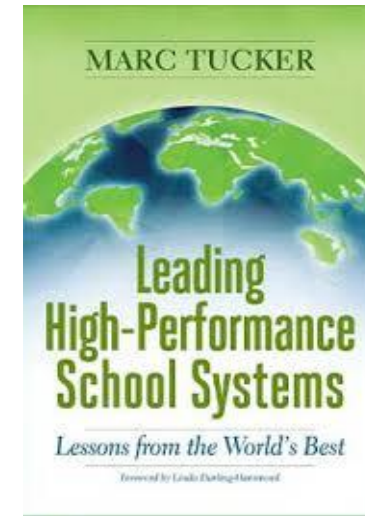


McKinsey Report (2010)

In the McKinsey report *How the World's Most Improved Systems Keep Getting Better*, the Hong Kong system ranked among those considered to be the **most improved systems** and sustained improvers, moving from “Fair” (1983–1988) to “Good” (1989–1999) to “Great” (2000–2010), and is now embarking towards “Excellent” (2010 and beyond).

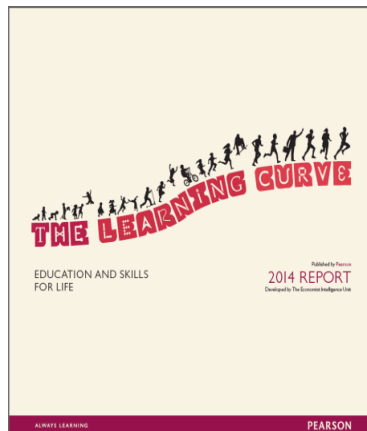
Pearson Report (2012)

In the Pearson report *Oceans of Innovation*, Hong Kong's reform was complimented for its **coherence and system thinking**.



Pearson Report (2014)

In the Pearson report *The Learning Curve*, South Korea tops the rankings, followed by Japan (2nd), Singapore (3rd) and Hong Kong (4th). The success of these countries highlights the importance of having **clear goalposts for the educational system and a strong culture of accountability among all stakeholders**.



Lesson 1

A clear and long term
plan with shared
Vision.





Vision

Learning to Learn for
Life-Long Learning

Whole Person
Development

Lesson 2

Reforms are built on strengths and local contexts.





Strengths

Strong subject knowledge

East meets West culture

Hard working and respectful
teaching force

Supportive families and
government

Lesson 3

Professional decisions
for student learning.





Key decisions

What is worth learning for the 21st century?

How to learn and teach effectively?

How to develop the best potential of students?

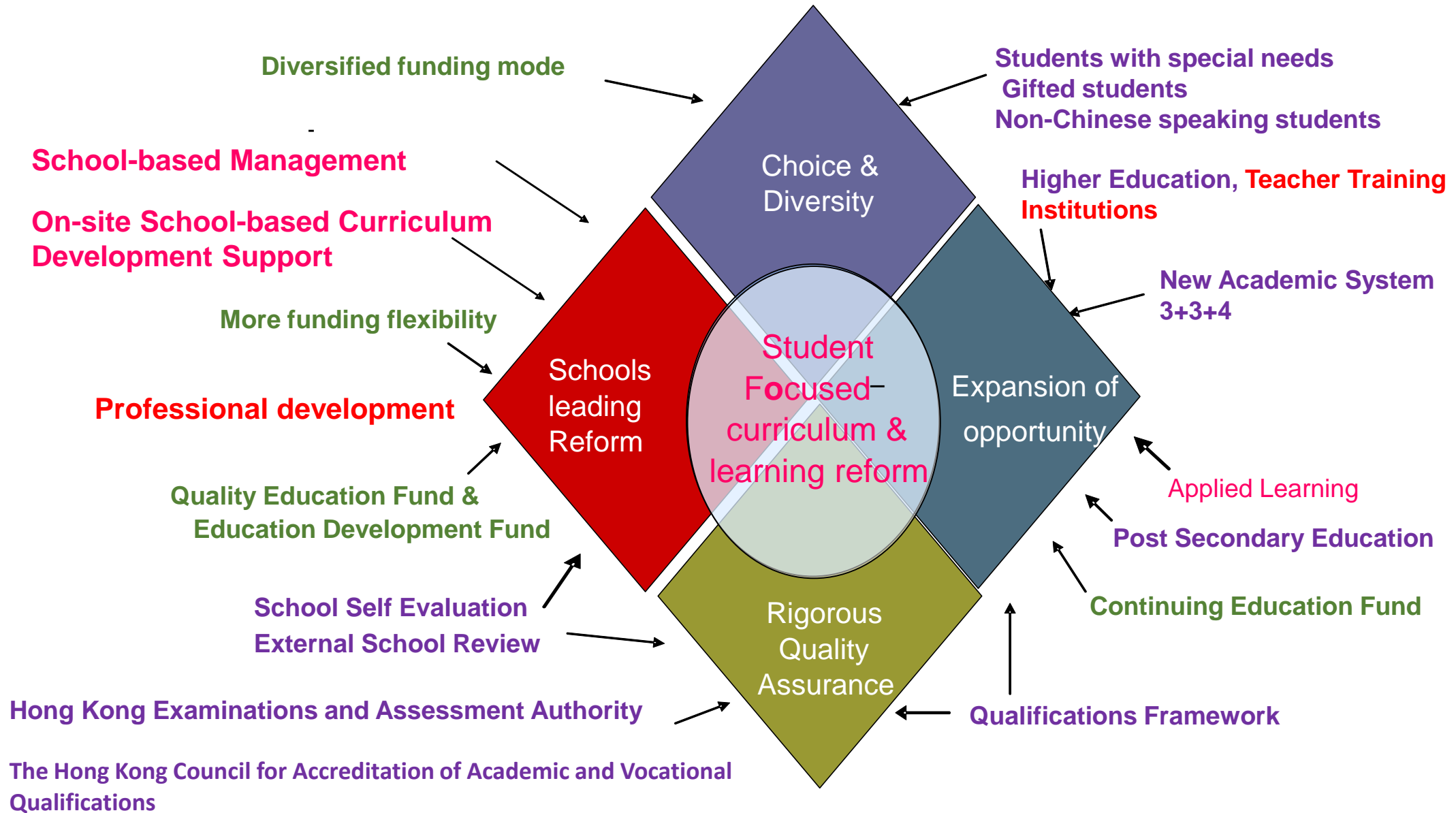
How to use assessment for better learning?

Lesson 4

Strong policy alignment
and coherence.



Key Concepts and Initiatives



Lesson 5

Careful, feasible and well
co-ordinated
implementation plan.



Incremental & Co-ordinated Changes at All Levels

	02/ 03	03/ 04	04/ 05	05/ 06	06/ 07	07/ 08	08/ 09	09/ 10	10/ 11	11/ 12	12/ 13	13/ 14	14/ 15	15/ 16
Kindergarten	Curriculum											Revised Curriculum		
Primary & Junior Secondary	1st Five Year Plan Adoption of Curriculum Reform					2nd Five Year Plan School-based Curriculum with Adaptation								
	On-going evaluation													
Senior Secondary			Old School Certificate & Advanced Level 40% study in Advanced Level				New Senior Secondary for ALL students							
			Consultation, Preparation				On-going evaluation							
University						Old 3-year programme					New 4 –year programme			
						Consultation, Preparation								



Lesson 6

Early engagement and mobilization.



Education Sectors, Non-education Sectors

Students

Schools

Universities

Professional
Associations

Parents

Employers

Non-
government
organisations

Other government
departments,
officers

Overseas
government,
institutions

Media

Lesson 7



Professional capacity has to be built for different stakeholders. Knowledge, skills, values and attitudes.

Different groups

Principals

Middle managers

Teachers

Librarians

Laboratory technicians

Counselling teachers

Information Technology Co-ordinators

School supervisors

Parents

Methods



Lesson 8

Organizational change and restructuring with new labels and functions.



Some Key Changes



Policy-making level – e.g. Combined curriculum and assessment committees.



Government Structure - merge teams and create new teams



Special task forces on consultation, communication, evaluation, interface with universities



New school level middle management by Key Learning Areas/ new curriculum leaders in schools

Lesson 9

Psychological
preparation, patience,
trust, unison and
commitment to complex
processes.



Lesson 10

On-going formal and informal communication and consultation before making important decisions.



Methods



MASS MEDIA –
TELEVISION,
NEWSPAPERS,
INTERNET



REGULAR
LIAISON
MEETINGS WITH
DIFFERENT
GROUPS



SURVEYS



EMAILS



SPECIAL
WEBSITES



REGIONAL
SEMINARS



POSTERS



BOOKLETS

Impact

Celebrate

Celebrate & update progress

Tap

Tap practical ideas from frontline workers

Develop

Develop ownership

Build

Build good relationships and support

Lesson 11

Continuous evaluation
with research and
renewal to keep abreast
of macro changes.



Purpose & Impact

Understand success and constraints in implementation

Improve support strategies for schools

Review the curricula and assessment

Monitor progress in government, schools and classrooms

Adjust planning

Ensure student learning outcomes

Report to the public for accountability

Transparency

Lesson 12

Strike a balance between professional accountability and external accountability. Provide space for schools to work.



Strategies



Schools to use School Self-Evaluation to review its progress.



External inspection is conducted after the new examination is launched.



Schools are given more time to concentrate in preparing for the reform and improving teaching and learning.



Quality Summary

Quality **P**eople and development

Quality **P**lanning and support

Quality **C**oherence and Structure

Quality **L**earning and Teaching



*Thank You
Рақмет сізге
Благодарю вас*



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