

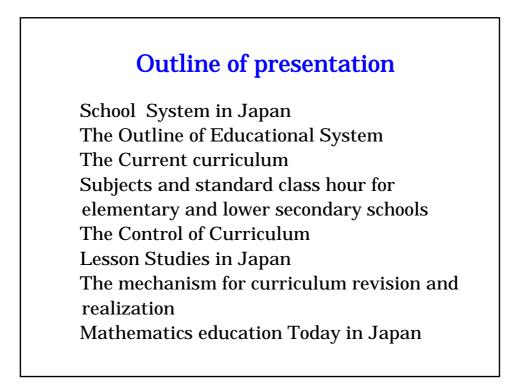
Center for Research on International Cooperation in Educational Development , University of Tsukuba

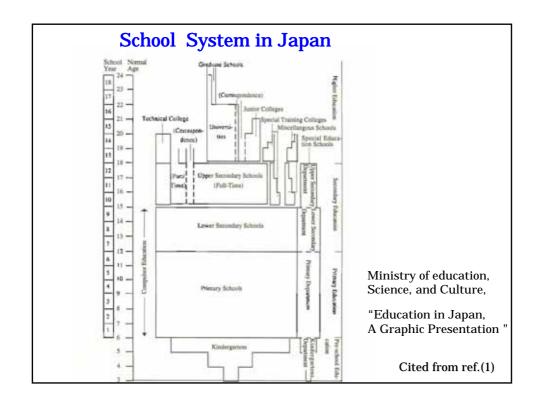
November 29th, 2004

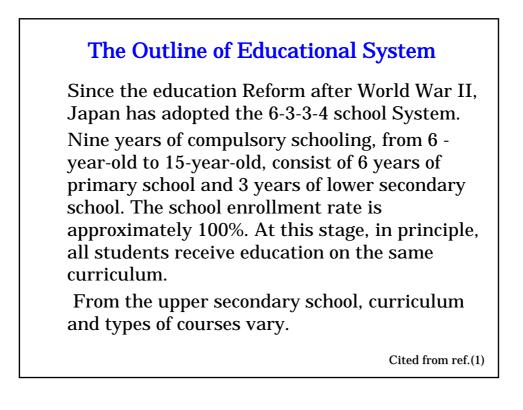
International educational cooperation symposium Problematic and Perspective of international cooperation in mathematics education

## The system, trend and task of mathematics education in Japan

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The upper secondary schools are classified as general, comprehensive, and specialized vocational courses according to the curriculum.

Specialized vocational courses are classified into commerce, industry, agriculture, fishery, English, science and mathematics.

The schools are classified as full time, part time, and correspondence courses.

There are technical colleges which provide both the upper secondary education and higher education for five years.

As for institutions of higher education, there are universities, junior colleges, technical colleges and higher institutes established by Ministries other than Ministry of Education, Science and Culture.

Cited from ref.(1)

## The Current Curriculums:

Aims and characteristics of the new Courses of studies

## Aim

On the basis of the complete implementation of 5day school week, each school should develop a "distinctive from of education" within a framework that allows "room to grow", and while ensuring through acquisition by children of the basic learning content set out in the Course of Study and think independently.

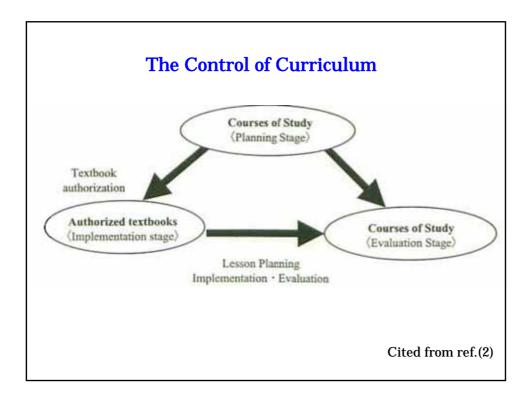
## Characteristics

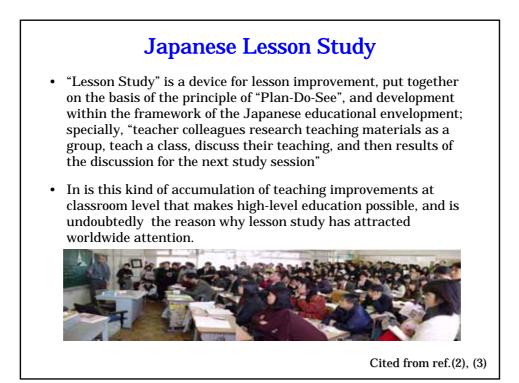
·Classification that the Course of Study represent minimum required content.

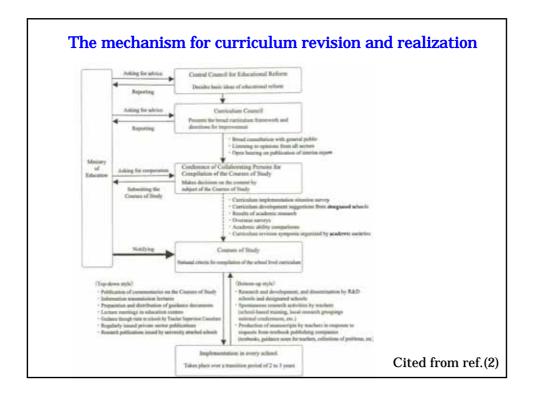
- ·Strengthening of individually oriented teaching.
- ·Creation of an "Integrated Study teaching"
- $^{\rm t} {\rm Expansion}$  of the framework allowing autonomous editing of the  $\mbox{ curriculum}$  by school
- $^{\rm r} {\rm Reduction}$  in class teaching hours and strict selection of educational content
- ·Emphasis on experiential, problem solving learning activities.
- ·Expansion of elective studies
- ·Strengthening of evaluation (norm referencing criterion referencing)

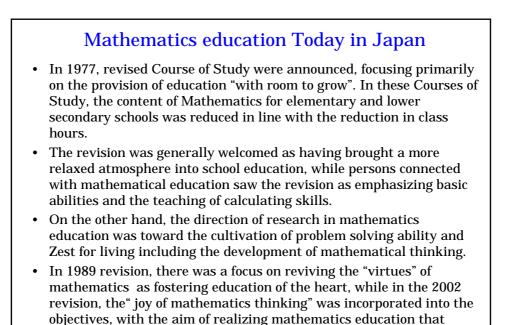
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		Class hours for each subject											Integrated	Total
Grade List		Japanese	Social Studies	Mathe	Science	Life Eivent Studies	Music	Drawing and Craft	Home- making	Physical Education	Moral Education	Special Activities	Study	class
Grade 1		272	1.00	114	-	102	68	68	-	90	34	34	-	782
Grade 2		280	-	155	-	105	-70	70	-	90	35	35	-	840
Grade 3		235	70	150	70	-	60	60	-	90	35	35	.105	910
Grade 4		235	85	150	90	-	60	60	-	90	35	35	105	945
Grad	le 5	180	90	150	.95	-	.50	50	60	90	35	35	110	945
Grade 6											100	-		
	* <del>11</del>	ects :	and s	stand	ard o	lass	hour	50 for lo	ower	90 Secol	35 ndary	/ sch	ools	945
	* <del>11</del>		and s	stand		lass	hour					/ sch	ools	
	* <del>11</del>		and s	stand	ard c	lass	hour et Bealth and Physical	for l		Secoi	ndary			945 Total class hours
Grade	Subj	ects :	and s	stand	ard c	: <b>lass</b> ch subje	hour et Bealth and Physical	for le	ower Foreign	Secoi	ndary	ilour range for	ools	Total
Grade	Subj	Social Studies	and s C Maths	stand lass hou Science	ard o	ch subje Arts	hour ect Physical Education	for le	Foreign Langs.	Secol Meral Education	special Activities	Hour range for electives	Dools Integrated Study Period	Total class hours









enabled children to "study for themselves and think for themselves"

Cited from ref.(2)

