

NEW CURRICULUM IN VIETNAM INFORMATIC CURRICULUM



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PART I

Introduction

PART II

Characteristics of the new curriculum

PART III

Informatic curriculum

Vietnam educational system

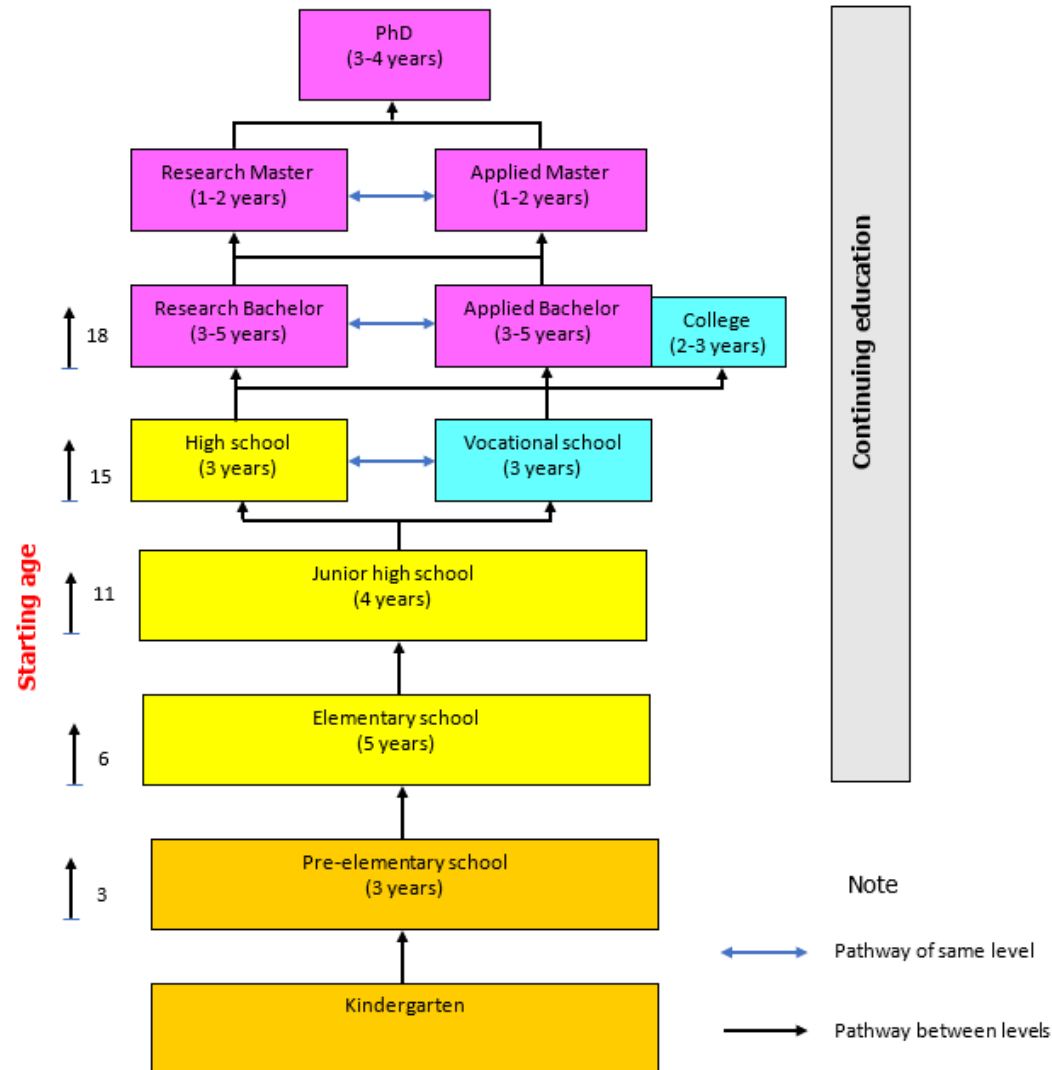


Figure 1. Education system in Vietnam

Introduction: Educational reforms Vietnam since the 1945- the independent era

1946

1946 reform: Hoang Xuan Han curriculum

Since 1950

1950 reform: influenced by Russian curriculum

Since 1980

1980 reform: 1 program; 3 text books

Since 2003

2000 reform: 1 program; 1 text books **Actual curriculum**

Since 2015

2018 reform: 1 program; several text books

Introduction: 2018 education reform

- Comprehensive and radical educational reform
- New curriculum
- Schedule

Grade 1: 2019-2020; Grade 6: 2020-2021; Grade 10: 2021-2022 and so on

The new curriculum is expected to develop the skills of students and bring out their creative sides; to have more out-of-school and creative experience, rather than only theory.

The new curriculum will include compulsory practical activities for pupils to experience. Activities for primary schools will focus on developing their life skills, soft skills, relationships with friends, teachers and family.

Meanwhile, secondary education will focus on activities for social and community services and job-oriented activities.

I. Characteristics of the new curriculum



To develop
student's
competenci
es and
values

5 Values

1) Patriotism

2) Compassion

3) Hard work

4) Honesty

5)
Responsibilities

I. Characteristics of the new curriculum

Competencies

10 core competencies

Common competencies

- 1) Self autonomous
- 2) Collaboration and communication
- 3) Problem solving and creativities

Specifics competencies

- 1) Language
- 2) Computation
- 3) Understanding on Nature and Society
- 4) Technology
- 5) Informatic
- 6) Esthetic
- 7) Health

Special competencies (for gifted students)

A

To develop student's competencies and values

I. Characteristics of the new curriculum

Competency based curriculum

A

• Differentiated learning

A

• Integrated teaching

B

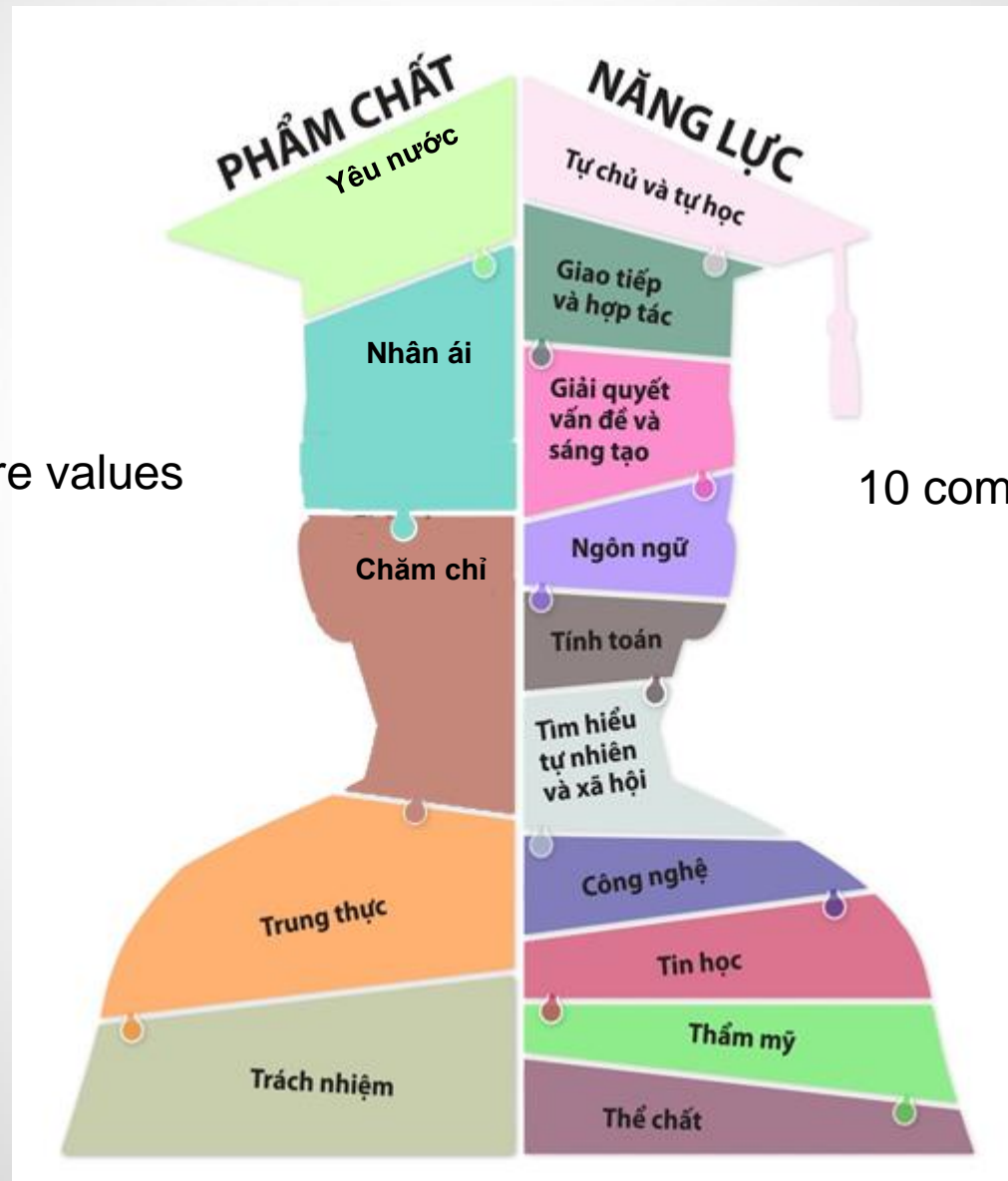
• Teaching by activities

C

To develop student's competencies and values

I. Characteristics of the new curriculum

Student portrait



To develop student's competencies and values

I. Characteristics of the new curriculum

B

Basic education

Primary
education

Teaching
subject

- 1) Vietnamese
- 2) Maths
- 3) Moral edu.
- 4) Art edu.
- 5) Nature and society (Grades 1, 2, 3)
- 6) History and Geography (Grades 4, 5)
- 7) Sciences (Grades 4, 5)
- 8) Foreign languages 1 (Grades 3, 4, 5)
- 9) Informatic and Technology (Grades 3, 4, 5)

Teachin
g
subjects

- 10) Physical education
- 11) Experienced activities

Optional
subjects

Ethnic languages, Foreign languages 1 (Grades 1, 2)

I. Characteristics of the new curriculum

B

Basic education

Lower
secondary edu.

Teaching
subjects

- 1) Literature
- 2) Mathematics
- 3) Language 1
- 4) Civic education
- 5) Sciences
- 6) History and Geography
- 7) Art education

Teaching
subjects

- 8) Informatic
- 9) Technology
- 10) Physical education
- 11) Experienced activities, Career orientation
- 12) Local education

Optional

Ethnic language, Language 2

I. Characteristics of the new curriculum

Comparison in term of number of teaching subjects

	Grades 1, 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grades 8, 9
New curi.	7	9	10	10	12	12	12
Actual curi.	10	10	11	11	16	16	17
England curi.	10	11	11	11	11	12	12
Germand curi. (Berlin)	6	7	7	10	10	12	15
Japan curi.	8	9	9	10	10	12	15

II. Characteristics of the new curriculum

Career oriented education – upper secondary education

B

Teaching
subjects

Group of teaching subjects	Teaching subjects
Compulsory	Literature, Maths , Language 1, Physical education, Military education, Experienced activities, Local education
Elective subjects	<i>To select 5 subjects, at least 1 by group</i>
Humanities	Geography, History, Civic education
Sciences and Technology	Physic, Chemistry, Biology
Technology and Art	Technology, Informatic, Art
Optional	Ethnic group, Language 2

I. Characteristics of the new curriculum

Comparison in term of number of teaching subjects

New curriculum	13 (8 with theory / practices)
Actual curriculum	17
IB	6
England curriculum	6
Germand, France curriculum	5 – 6
USA curriculum	4 + N (depending on states)
Japan curriculum	12 compulsory, limited elective
Malaysia curriculum	10

An example of curriculum analysis of 2000: Informatic within maths curriculum

France

Vietnam

Variable informatic: very few exercices

To write an algorithm:
Very few exercices

Bréal 0

To write an algorithm:
More algorithm but only about on iterative
algorithm


M3 0

« To execute » a program:
More exercices

Bréal 0

« To execute » a program:
Few exercices

M3 5

- 
- There are algorithm but no teaching algorithm
 - There are program but no teaching programing

Informatics: Actual curriculum

-Elementary school: non compulsory;
optional from the grade 3

-Lower secondary school: non
compulsory; optional

-Upper secondary school: compulsory

Grade 10 (70
periods / year)

Grade 11 (52,5
periods / year)

Grade 12 (52,5
periods / year)

Informatics: Actual curriculum

Grade 10
Generalities
+ computer
architecture
+ Office:
word

Grade 11
Programing:
Pascal
language

Grade 12
Office: ppt,
excel;
internet

Informativics: New curriculum

Grades 3, 4, 5: 35
periods/year

Grades 6, 7, 8, 9: 35
periods / year

Grades 10, 11, 12: 70 periods/year

- Learning theme: one theme/grade of 35 periods.
[Detail: Generalities, Topics, Teaching method, Assessment of the new curriculum](#)



Thank
you