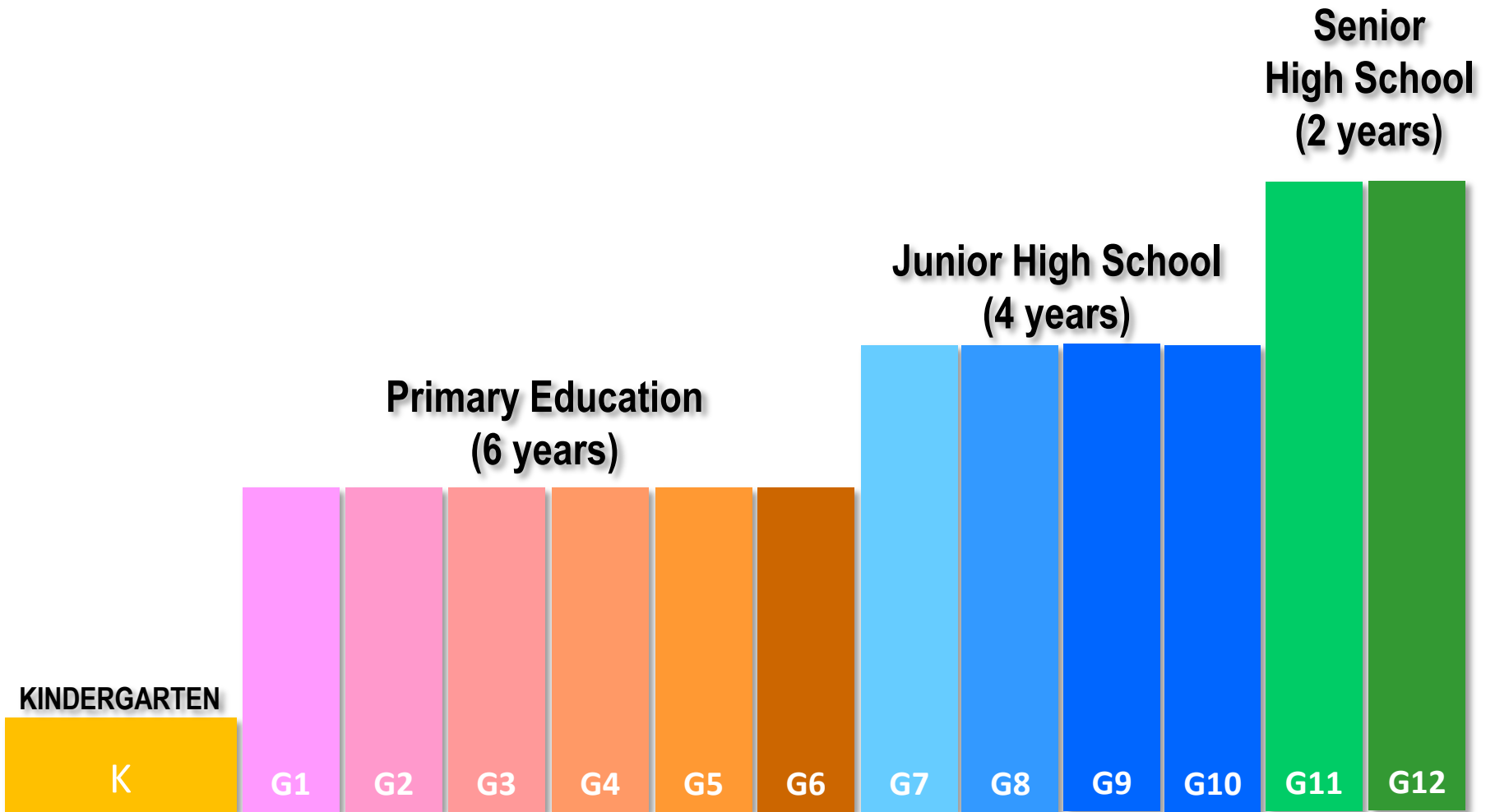


Kto12

Basic Education
Curriculum

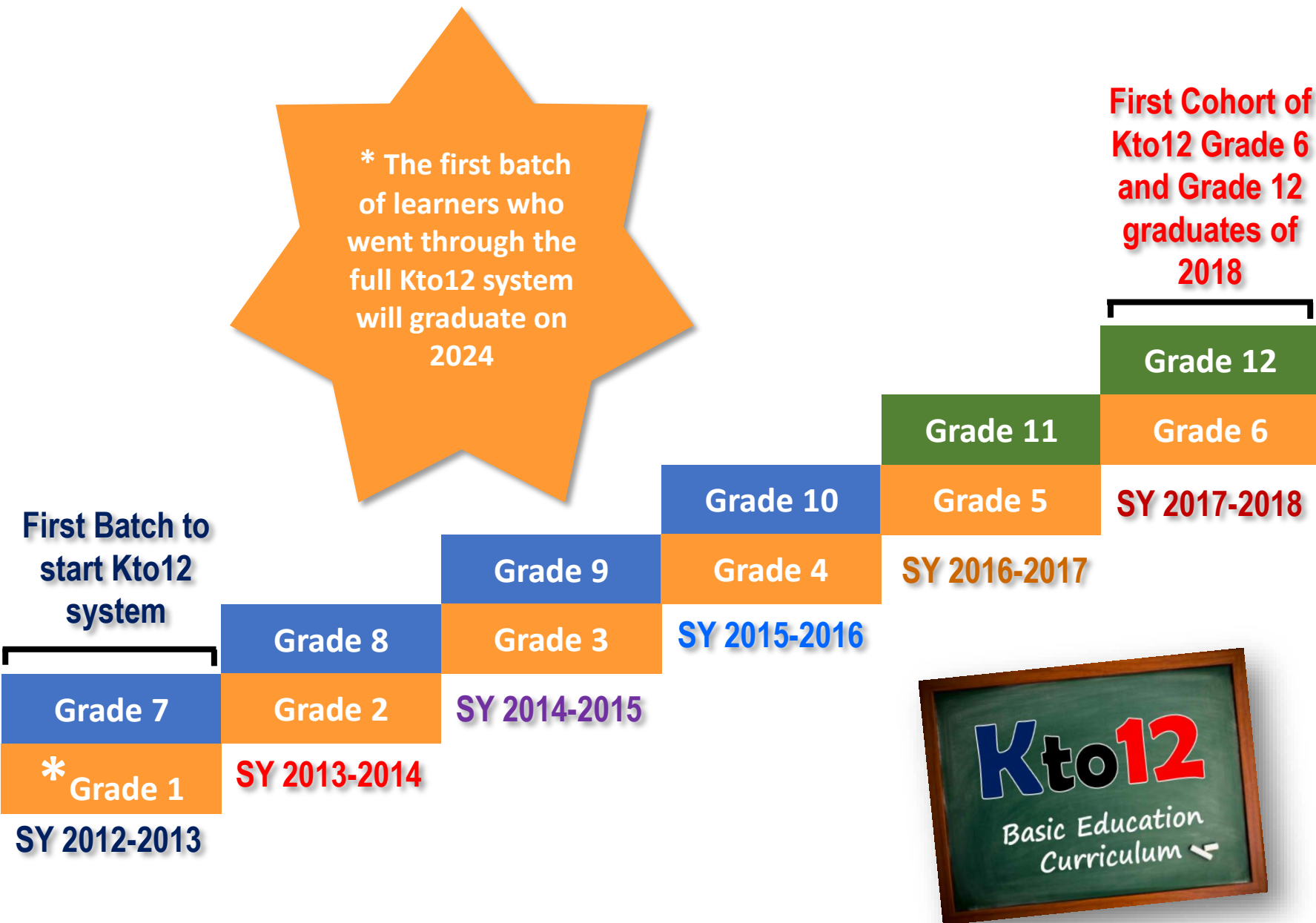
DANILO V. ROGAYAN JR.





Kindergarten and the **12** years of **E**lementary and **S**econdary Education.

- ❑ **K**indergarten refers to the five-year old child that takes a standardized kindergarten curriculum
- ❑ **E**lementary Education refers to primary schooling that involves six years of education (Grades 1 to 6)
- ❑ **S**econdary Education refers to
 - **four years** of Junior High School (Grades 7 to 10)
 - **two years** of Senior High School (Grades 11 to 12)



Legal Basis

Republic Act 10157

- ❑ **Kindergarten Education Act**
- ❑ Approved January 20, 2012
- ❑ An Act Institutionalizing The Kindergarten Education into the Basic Education System and Appropriating Funds Therefor
- ❑ Kindergarten is now mandatory and compulsory for all five-year-old learners
- ❑ a requirement for entrance to Grade 1 as the first stage of the basic education system

Legal Basis

Republic Act 10533

- ❑ **Enhanced Basic Education Act of 2013**
- ❑ Approved May 15, 2013
- ❑ An Act Enhancing the Philippine Basic Education System by Strengthening its Curriculum and Increasing the Number of Years for Basic Education, Appropriating Funds and Other Purposes
- ❑ encompasses at least one (1) year of kindergarten education, six (6) years of elementary education, and six (6) years of secondary education

Legal Basis

DepED Order No. 31, s.2012

Policy Guidelines for Kto12 Grades 1 to 10

DepED Order No. 70, s.2012

Guidelines Daily Lesson Logs

DepED Order No. 73, s.2012

Guidelines Kto12 Assessment and Rating System

DepED Order No. 20, s,2014

Additional Info on DepED Order 31, s2012

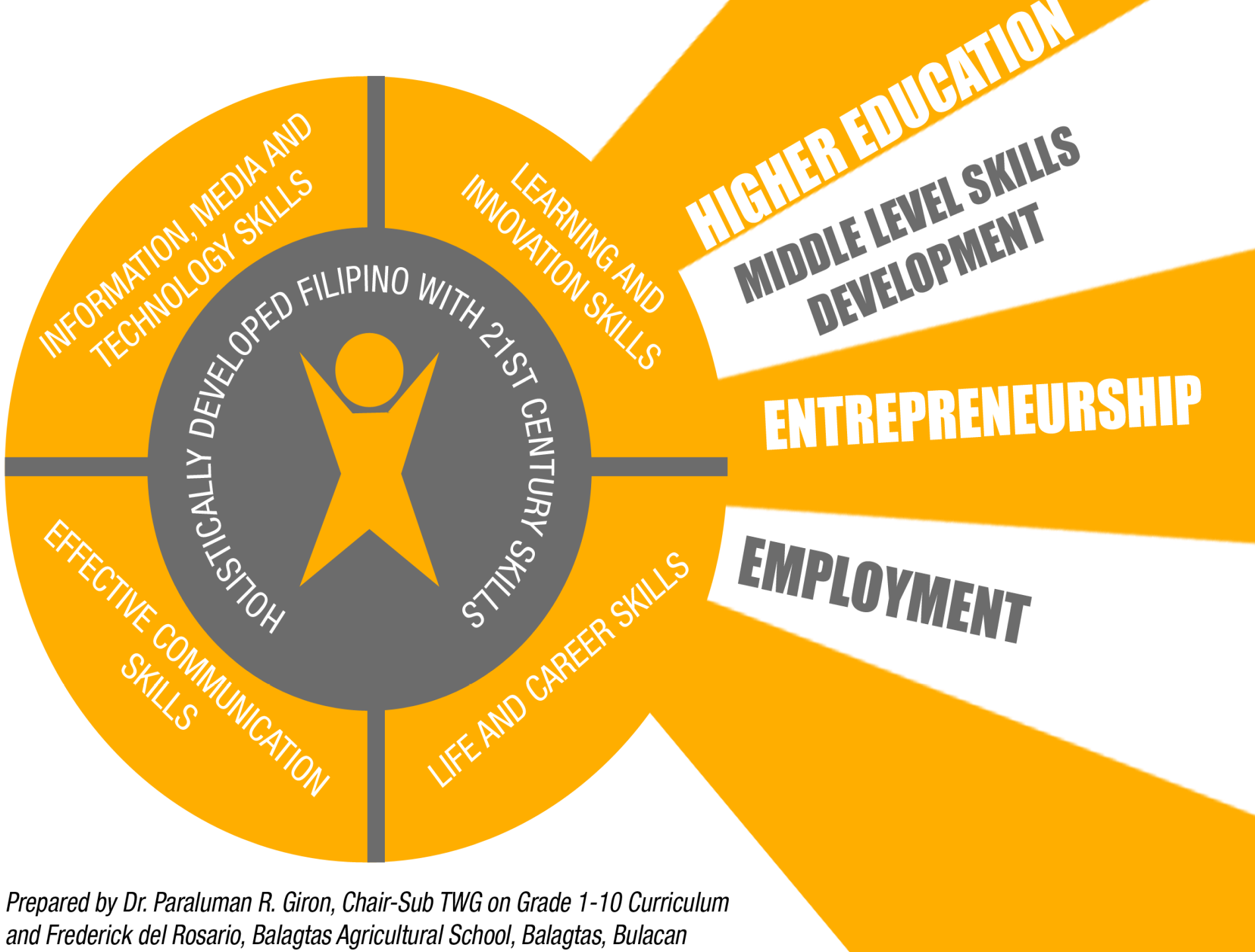
Why are we implementing 12 years of Basic Education?

- ❑ A 12-year program is found to be the adequate period for learning under basic education.
- ❑ A standard for recognition of students and professionals abroad (based on the [Bologna Process](#) for the European Union and the [Washington Accord](#) for the United States).
- ❑ The Philippines is the last country in Asia and one of only three countries worldwide (the other two being Angola and Djibouti) with a 10-year pre-university cycle.

Kto12 Vision

To produce Filipino graduates who:

- Possess sufficient mastery of basic competencies
- Be emotionally developed and competent to live a meaningful life;
- Be socially aware, pro-active, and involved in public and civic affairs and contribute to the development of a progressive, just and humane society;
- Be adequately prepared for the world of work or entrepreneurship or higher education;
- Be legally employable; and
- Be globally competitive.



Prepared by Dr. Paraluman R. Giron, Chair-Sub TWG on Grade 1-10 Curriculum and Frederick del Rosario, Balagtas Agricultural School, Balagtas, Bulacan

2002 BEC CURRICULUM

Highschool
Year 1 to 4

Elementary
Grades 1 to 6

Optional
Pre-school

17-18 YEARS OLD

12-16 YEARS OLD

6-11 YEARS OLD

5 YEARS OLD

K TO 12 STRUCTURE

Senior High School
Grades 11 to 12

Junior High School
Grades 7 to 10

Elementary
Grades 1 to 6

Mandatory
Kindergarten

Medium of Instruction

DepED Order No. 31, s.2012

NOMENCLATURE/ LEARNING AREA	MEDIUM OF INSTRUCTION PER GRADE LEVEL						
	G1	G2	G3	G4	G5	G6	G7 to G10
Language Arts							
<i>Filipino</i>	Filipino						
<i>English</i>	English						
<i>Mother Tongue</i>	MT			-	-	-	-
Science	-	-	-	MT	English		
Mathematics	MT				English		
AP	MT				Filipino		
EPP/TLE	-	-	-	-	Filipino		English
MAPEH	MT				Filipino		English
EsP	MT				Filipino		

Time Allotment

NOMENCLATURE/ LEARNING AREA	TIME ALLOTMENT							
	Grades 1 to 6 (No. of Minutes Daily)							Grades 7 to 10 (Weekly)
	G1		G2	G3	G4	G5	G6	
	1 st Sem.	2 nd Sem.						
Language Arts								
<i>Mother Tongue</i>	50	50	50	50	-	-	-	-
<i>Filipino</i>	30	30	50	50	50	50	50	4 hrs
<i>English</i>	-	30	50	50	50	50	50	4 hrs
Science	-	-	-	50	50	50	50	4 hrs
Mathematics	50	50	50	50	50	50	50	4 hrs
Araling Panlipunan	40	40	40	40	40	40	40	3 hrs
EPP/TLE	-	-	-	-	50	50	50	4 hrs
MAPEH	40	40	40	40	40	40	40	4 hrs
EsP	30	30	30	30	30	30	30	2 hrs
<i>Total</i>	<i>240</i>	<i>270</i>	<i>310</i>	<i>360</i>	<i>360</i>	<i>360</i>	<i>360</i>	<i>29 hrs</i>

Araling Panlipunan Matrix

DepED Order No. 20, s,2014

2. The matrix below shows the teaching of AP from Grades 7-10 effective School Year (SY) 2014-2015:

	Year	School Year	K-12	BEC	K to 12						
					Grade 7	Grade 8	Grade 9	Grade 10	2 nd	3 rd	4 th
HS	1	2012-2013	7	2,3,4	SK				ASYA	WORLD	EKO
	2	2013-2014	7,8	3,4	SK	AS				WORLD	EKO
	3	2014-2015	7,8,9	4	AS	AS	KD				EKO
	4	2015-2016	7,8,9,10		AS	KD	KD	EK			
	5	2016-2017	7,8,9,10,11		AS	KD	EK	EK			
	6	2017-2018	7,8,9,10,11 12		AS	KD	EK	MK			

Legend:

SK - *Saksi ng Kasaysayan ng Pilipinas*

AS - *Araling Asyano*

KD - *Kasaysayan ng Daigdig*

EK - *Ekonomiks*

MK - *Mga Kontemporaryong Isyu at Hamong Panlipunan*

Assessment & Rating System

DepED Order No. 73, s.2012

Level of Assessment	Percentage Weight
Knowledge	15%
Process of Skills	25%
Understanding	30%
Products/Performances	30%
TOTAL	100%

LEVELS OF ASSESSMENT

Performance

Understanding

Process/Skills

Knowledge

BLOOM'S TAXONOMY

Creating

Judging

Analyzing

Applying

Remembering

Assessment & Rating System

DepED Order No. 73, s.2012

Level of Proficiency	Descriptive Rating	Percentage Weight
Beginning	B	74% below
Developing	D	75 – 79%
Approaching Proficiency	AP	80 - 84%
Proficient	P	85 - 89%
Advanced	A	90% above



Attributes of the K to 12 Teacher

- ✓ Multi-literate
 - *knows how to use various technologies in teaching*
- ✓ Multi-specialist
 - *must be knowledgeable not only in the subject area they are teaching but in other areas as well*
- ✓ Multi-skilled
 - *must be skillful not just in teaching but also in facilitating, organizing groups and activities*
- ✓ Self-directed
 - *must know how to initiate action*



Attributes of the Kto12 Teacher

✓ Flexible

- *must be able to adapt to various learning styles and needs of the learners*

✓ Creative Problem-solver

- *must be there to offer innovative ideas and creative solutions to problems*

✓ Critical-thinker

- *develops higher order thinking skills of students*

✓ Has passion for excellent teaching

- *motivates students to learn and succeed in life*

✓ High Emotional Quotient (EQ)

- *must not only have the head but also the heart to teach*



**Junior and Senior
High School**

*Junior
High
School*

Grades 7 to 8
(Exploratory TLE)

Grades 9 to 10
(Specialized TLE)

*Senior
High
School*

**Core
Subjects**

Tracks

Contextualized Track Subjects

**Academic
Track**

- General Academic Strand
- STEM
- ABM
- HUMSS

**Technical
Vocational
Livelihood
Track**

- Home Economics
- Agri-Fishery
- Industrial
- ICT

**Sports
Track**

**Arts &
Design
Track**

Junior High School Learning Areas

Filipino

English

Math

Science

Araling Panlipunan

Edukasyon sa Pagpapakatao (EsP)

Technology & Livelihood Education (TLE)

MAPEH (Music Arts and PE)

Technology & Livelihood Education (TLE) Courses

INDUSTRIAL ARTS

1. Automotive Servicing
2. Carpentry
3. Consumer Electronics Servicing
4. Electrical Installation and Maintenance
5. Plumbing
6. Refrigeration & Air-Conditioning
7. Shielded Metal Arc Welding
8. Masonry

HOME ECONOMICS

1. Beauty Care/Nail Care
2. Caregiving
3. Dressmaking
4. Front Office Services
5. Cookery
6. Household Services
7. Handicraft

AGRI-FISHERY ARTS

1. Crop Production
2. Animal Production
3. Horticulture
4. Food (Fish) Processing
5. Aquaculture

I C T

1. Computer Hardware Servicing
2. Technical Drafting
3. Illustration
4. Contact Center Services

The Teaching of TLE



Selection of Courses



demand from the industry

**available resources
(human/material)**

**capacity and capability of the
schools (presence of laboratory)**

Common Competencies of TLE Courses (Beginning SY 2014-2015)

Personal Entrepreneurial Competencies – PECs (PC)

Environment & Market (EM)

Use of Hand Tools (UT)

Maintain Hand Tools, Equipment & Paraphernalia (MT)

Perform Mensuration and Calculation (MC)

Prepare and Interpret Technical Drawing (TD)

Practice Occupational Health and Safety Procedures (OS)

Senior High School Learning Areas



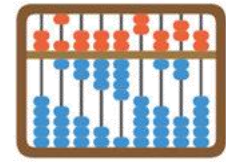
LANGUAGE



HUMANITIES



COMMUNICATION



MATHEMATICS



PHILOSOPHY



SCIENCE



SOCIAL SCIENCE

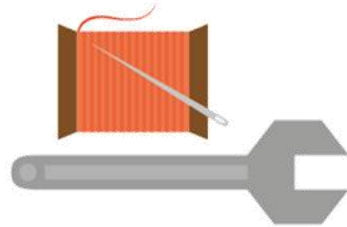


P.E. & HEALTH

SHS TRACKS



ACADEMIC*



TECHNICAL-VOCATIONAL-
LIVELIHOOD



SPORTS



ARTS & DESIGN

**The Academic track includes four (4) strands: Accountancy, Business and Management (ABM); General Academic (GA); Humanities and Social Science (HUMSS); and Science, Technology, Engineering and Mathematics (STEM).*

Senior High School Core & Track Subjects

15

Core Subjects

16

Track Subjects

7

*Contextualized
Subjects*

9

*Specialization
subjects*

There are 31 Subjects.

Each subject will have 80 hours per semester.

P.E. and Health will have 20 hours per semester for 4 semesters. Total of 2,480 hours.

SHS Core Subjects

Core Learning Areas and Subjects		hours per semester
Language	Oral Communication	80
	Reading & Writing	80
	Komunikasyon at Pananaliksik sa Wika at Kulturang Pilipino	80
	Pagbasa at Pagsusuri ng Iba't Ibang Teksto Tungo sa Pananaliksik	80
Humanities	21 st Century Literature from the Philippines and the World	80
	Contemporary Philippine Arts from the Regions	80
Communication	Media & Information Literacy	80
Mathematics	General Mathematics	80
	Statistics & Probability	80
Science	Earth and Life Science (Lecture and Laboratory)	80
	Physical Science (Lecture and Laboratory)	80
Social Science	Personal Development / Pansariling Kaunlaran	80
	Understanding Culture, Society and Politics	80
Philosophy	Introduction to the Philosophy of the Human Person / Pambungad sa Pilosopiya ng Tao	80
PE and Health	Physical Education and Health	80
CORE Total Number of Hours		1,200
TRACK Total Number of Hours		1,280
Total Number of Hours (CORE + TRACK)		2,480
Total Hours (CORE + TRACK) divided by Number of School Days in SHS (400) = average hours/day		6.2 hours/day

SHS Contextualized Track Subjects

Academic, Technical-Vocational-Livelihood, Sports, Arts & Design Tracks

1	English for Academic and Professional Purposes
2	Research in Daily Life 1
3	Research in Daily Life 2
4	Pagsulat sa Filipino sa Piling Larangan a. Akademik c. Sining b. Isports d. Tech-Voc
5	Empowerment Technologies (E-Tech): ICT for Professional Tracks
6	Entrepreneurship
7	Research Project / Culminating Activity*

SHS Specialized Subjects

ACADEMIC TRACK

*Accountancy,
Business and
Management
Strand
(ABM)*

*Humanities
and Social
Sciences
Strand
(HUMSS)*

*Science,
Technology,
Engineering
and
Mathematics
Strand
(STEM)*

*General
Academic
Strand
(GA)*

SHS Academic Track

Specialized Subjects

Accountancy, Business and Management (ABM) Strand

A	ABM Strand 1	Applied Economics
B	ABM Strand 2	Business Ethics and Social Responsibility
C	ABM Strand 3	Fundamentals of Accountancy, Business and Management 1
D	ABM Strand 4	Fundamentals of Accountancy, Business and Management 2
E	ABM Strand 5	Business Math
F	ABM Strand 7	Organization and Management
G	ABM Strand 8	Principles of Marketing
H	ABM Strand 9	Work Immersion/Research/Career Advocacy/Culminating Activity <i>i.e. Business Enterprise Simulation</i>

SHS Academic Track

Specialized Subjects

Humanities and Social Sciences (HUMSS) Strand

A	HUMSS Strand 1	Creative Writing/ Malikhaing Pagsulat
B	HUMSS Strand 2	Introduction to World Religions and Belief Systems
C	HUMSS Strand 3	Creative Nonfiction: The Literary Essay
D	HUMSS Strand 4	Trends, Networks, and Critical Thinking in the 21st Century Culture
E	HUMSS Strand 5	Philippine Politics and Governance
F	HUMSS Strand 6	Community Engagement, Solidarity, and Citizenship
G	HUMSS Strand 7	Disciplines and Ideas in Social Sciences
H	HUMSS Strand 8	Disciplines and Ideas in Applied Social Sciences
I	HUMSS Strand 9	Work Immersion/ Research/ Career Advocacy/ Culminating Activity

SHS Academic Track

Specialized Subjects

Science, Technology, Engineering and Mathematics (STEM) Strand

A	STEM Strand 1	Pre-Calculus
B	STEM Strand 2	Basic Calculus
C	STEM Strand 3	General Biology 1
D	STEM Strand 4	General Biology 2
E	STEM Strand 5	General Physics 1
F	STEM Strand 6	General Physics 2
G	STEM Strand 7	General Chemistry 1
H	STEM Strand 8	General Chemistry 2
I	STEM Strand 9	Work Immersion/Research/Career Advocacy/Culminating Activity

SHS Academic Track

Specialized Subjects

General Academic (GA) Strand

Humanities 1*

Humanities 2*

Social Science 1**

Applied Economics

Organization and Management

Disaster Readiness and Risk Reduction

Elective 1 (from any Track/Strand)***

Elective 2 (from any Track/Strand)***

Work Immersion/Research/Career Advocacy/Culminating Activity

**Select from HUMSS Strand Subjects a to d.*

***Select from HUMSS Strand Subjects e to h.*

****Schools must present/offer a range of subjects from which students can choose.*

SHS Sports Track Specialized Subjects

Sports Track

A	Sports Track 1	Safety and First Aid
B	Sports Track 2	Human Movement
C	Sports Track 3	Fundamentals of Coaching
D	Sports Track 4	Sports Officiating and Activity Management
E	Sports Track 5	Fitness, Sports and Recreation Leadership
F	Sports Track 6	Psychosocial Aspects of Sports and Exercise
G	Sports Track 7	Fitness Testing and Exercise Programming
H	Sports Track 8	Practicum (in-campus)
I	Sports Track 9	Work Immersion/Research/Career Advocacy/Culminating Activity i.e. Apprenticeship (off-campus)

SHS Arts & Design Specialized Subjects

Arts and Design Track

A	Arts Track 1	Creative Industries I: Arts and Design Appreciation and Production
B	Arts Track 2	Creative Industries II: Performing Arts
C	Arts Track 3	Physical and Personal Development in the Arts
D	Arts Track 4	Developing Filipino Identity in the Arts
E	Arts Track 5	Integrating the Elements and Principles of Organization in the Arts
F	Arts Track 6	Leadership and Management in Different Arts Fields
G	Arts Track 7	Apprenticeship and Exploration of Different Arts Fields <i>a. Media Arts and Visual Arts</i> <i>b. Literary Arts</i> <i>c. Dance</i> <i>d. Music</i> <i>e. Theater</i>
H	Arts Track 8	Work Immersion/Research/Career Advocacy/Culminating Activity i.e. Exhibit for Arts Production/ Performing Arts Production <i>a. Performing Arts Production</i> <i>b. Exhibit for Arts Production</i> <i>c. Media and Visual Arts</i> <i>d. Literary Arts</i>

SHS Specialized Subjects

TECHNOLOGY VOCATIONAL & LIVELIHOOD TRACK

*Home
Economics*

*Agri-Fishery
Arts*

*Information
and
Communications
Technology
(ICT)*

*Industrial
Arts*

Home Economics Curriculum Map

Grade 7/8	Grade 9	Grade 10	Grade 11	Grade 12
	*Beauty/Nail Care (NC II)	Wellness Massage (NC II)	Hairdressing (NC II)	
	*Caregiving	*Caregiving (COC)	Caregiving	**Caregiving (COC or NCII)
	*Dressmaking (NC II)		Tailoring (NC II)	
	*Front Office Services (NC II)	Travel Services (NC II)	Tour Guiding Services (NC II)	Tourism Production (NC II)
	*Cookery (NC II)		Bread and Pastry Production (NC II)	Food and Beverage Services (NC II)
	*Household Services (NC II)		Housekeeping (NC II)	Attractions and Theme Parks (NC II)
Handicraft (Non-NC)	Handicraft (Non-NC) Needlecraft: embroidery, quilting, knitting, crochet	Handicraft (Non-NC) Fashion Accessories Paper Craft	Handicraft (Non-NC) Basketry Macrame	Handicraft (Non-NC) Woodcraft Leather craft

Agri-Fishery Arts Curriculum Map

Grade 7/8 (Exploratory)	Grade 9	Grade 10	Grade 11	Grade 12	
EXPLORATORY COVERING COMMON COMPETENCIES	Crop Production (NC I)		*Landscape Installation and Maintenance (NC II)		
			*Pest Management (NC II)		
			*Rice Machinery Operation (NC II)		
			*Organic Agriculture (NC II)		
	Animal Production (NC II)			*Artificial Insemination: Swine (NC II)	
				*Artificial Insemination: Ruminants (NC II)	
				*Slaughtering Operation (NC II)	
	Horticulture (NC II)				
	Food (Fish) Processing (NC II)				
	Aquaculture (NC II)	*Fish Nursery Operation (NC II)		*Fish or Shrimps Grow Out Operation (Non NC)	
*Fish Wharf Operation (NC I)					

AGRICULTURE AND FISHERY ARTS CURRICULUM MAP

Grade 7/8 (Exploratory)	Grade 9	Grade 10	Grade 11	Grade 12	
EXPLORATORY COVERING COMMON COMPETENCIES	Crop Production (NC I)		*Landscape Installation and Maintenance (NC II)		
			*Pest Management (NC II)		
			*Rice Machinery Operation (NC II)		
			*Organic Agriculture (NC II)		
	Animal Production (NC II)			*Artificial Insemination: Swine (NC II)	*Artificial Insemination: Ruminants (NC II)
				*Slaughtering Operation (NC II)	
				Horticulture (NC II)	
	Food (Fish) Processing (NC II)				
	Aquaculture (NC II)	*Fish Nursery Operation (NC II)		*Fish or Shrimps Grow Out Operation (Non NC)	
				*Fish Wharf Operation (NC I)	

ICT Curriculum Map

Grade 7/8	Grade 9	Grade 10	Grade 11	Grade 12
EXPLORATORY COVERING COMMON COMPETENCIES	Computer Hardware Servicing (NC II)			
	Illustration (NC II)			
	Technical Drafting (NC II)			
	Contact Center Services (NC II)			
			Animation (NC II)	
			Medical Transcription (NC II)	
			Computer Programming (NC IV)	

Industrial Arts Curriculum Map

Grade 7/8	Grade 9	Grade 10	Grade 11	Grade 12
EXPLORATORY COVERING COMMON COMPETENCIES	*Automotive Servicing (NC I)			
	*Carpentry (NC II)			
	*Consumer Electronics Servicing (NC II)			
	*Electrical Installation & Maintenance (NC II)			
	**Plumbing (NC I)		**Plumbing (NC II)	
	*Refrigeration & Air-conditioning (NC II)			
	**Shielded Metal Arc Welding (NC I)		**Shielded Metal Arc Welding (NC II)	
	**Masonry (NC II)		**Tile Setting (NC II)	

References

LRMDS

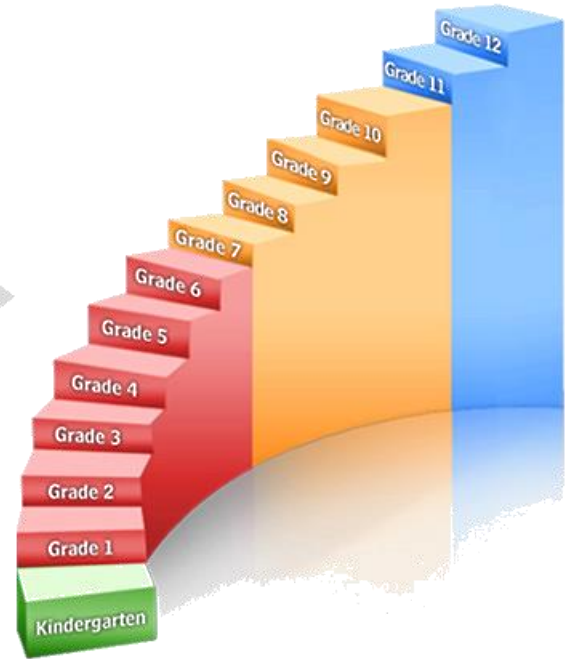
Learning Resource Management
and Development System



Kto12 teaching and learning materials are progressively being uploaded for all grade levels and curriculum areas.

✓ Kindergarten, grades 1, 2, 7 and 8 are available.

You can find many resources for various curriculum areas for all levels except grades 11 and 12.



<http://lrmds.deped.gov.ph/>

<http://www.depedbataan.com/resources/>

<http://www.deped.gov.ph/index.php/resources/curriculum-guides>