

Senior High School (SHS) Program Updates: Issues and Implications to Teacher Education

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The K to 12 Philippine Basic Education Curriculum Framework

Holistically Developed Filipino with 21st Century Skills

Being and Becoming a Whole Person

SKILLS

Information, Media, and Technology Skills
Learning and Innovation Skills
Communication Skills
Life and Career Skills

LEARNING AREAS

Language
Technology and Livelihood Education (TLE)
Mathematics and Science
Arts and Humanities

Curriculum Support System

Teachers

*Materials,
Facilities,
and
Equipment*

*ICT
Environment*

Assessment

*School
Leadership
and
Management*

*Schools
Divisions
Technical
Assistance*

*Community-
Industry
Relevance
and
Partnerships*

Monitoring and Evaluation System

K to 12 Curriculum Outcomes

Outcomes / Standards

**Philippine
Qualifications
Framework (PQF)**

**Key
Stage
Outcomes**

G3

G6

G10

G12

Learning Areas / Grade Level

LEARNING RESOURCES

Teacher's Guides and Learner's Materials

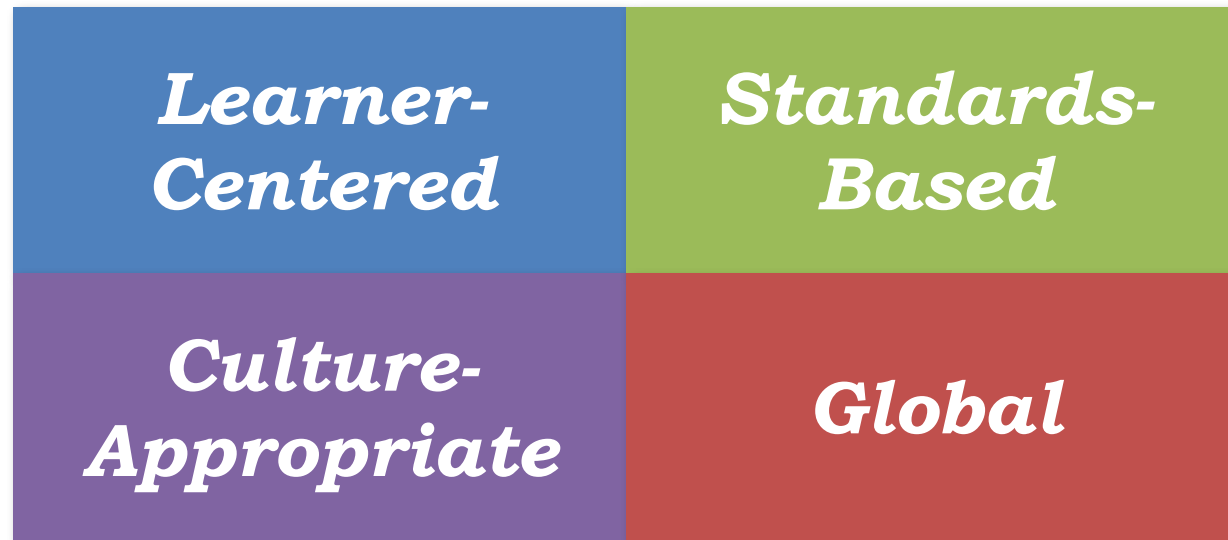
LEARNING COMPETENCIES

Content and Performance

STANDARDS

K to 12 Curriculum addresses the requirements of RA 10533 and covers a wide range of important areas and topics

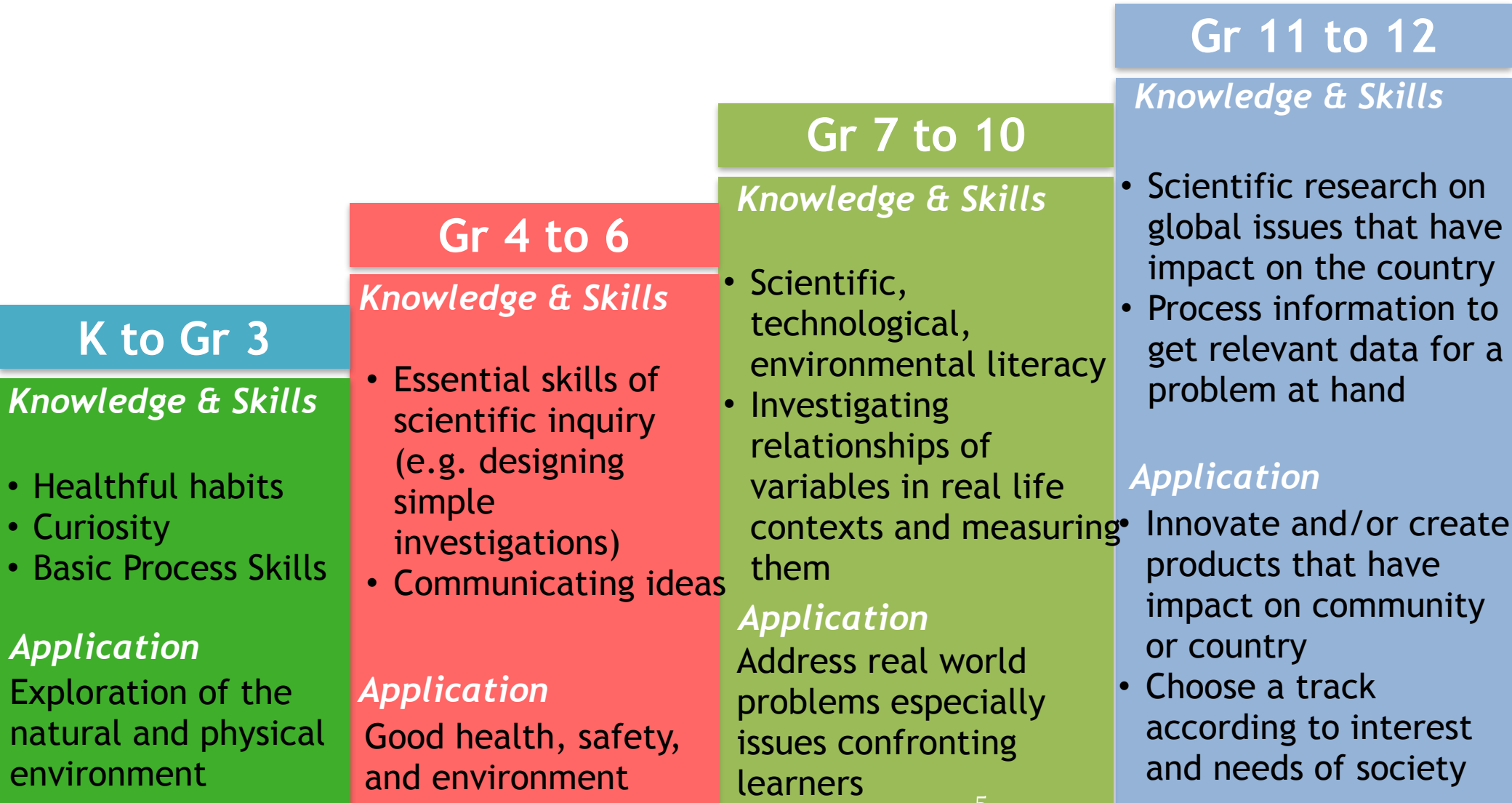
Features of the Enhanced Curriculum (RA 10533 Sec. 5)



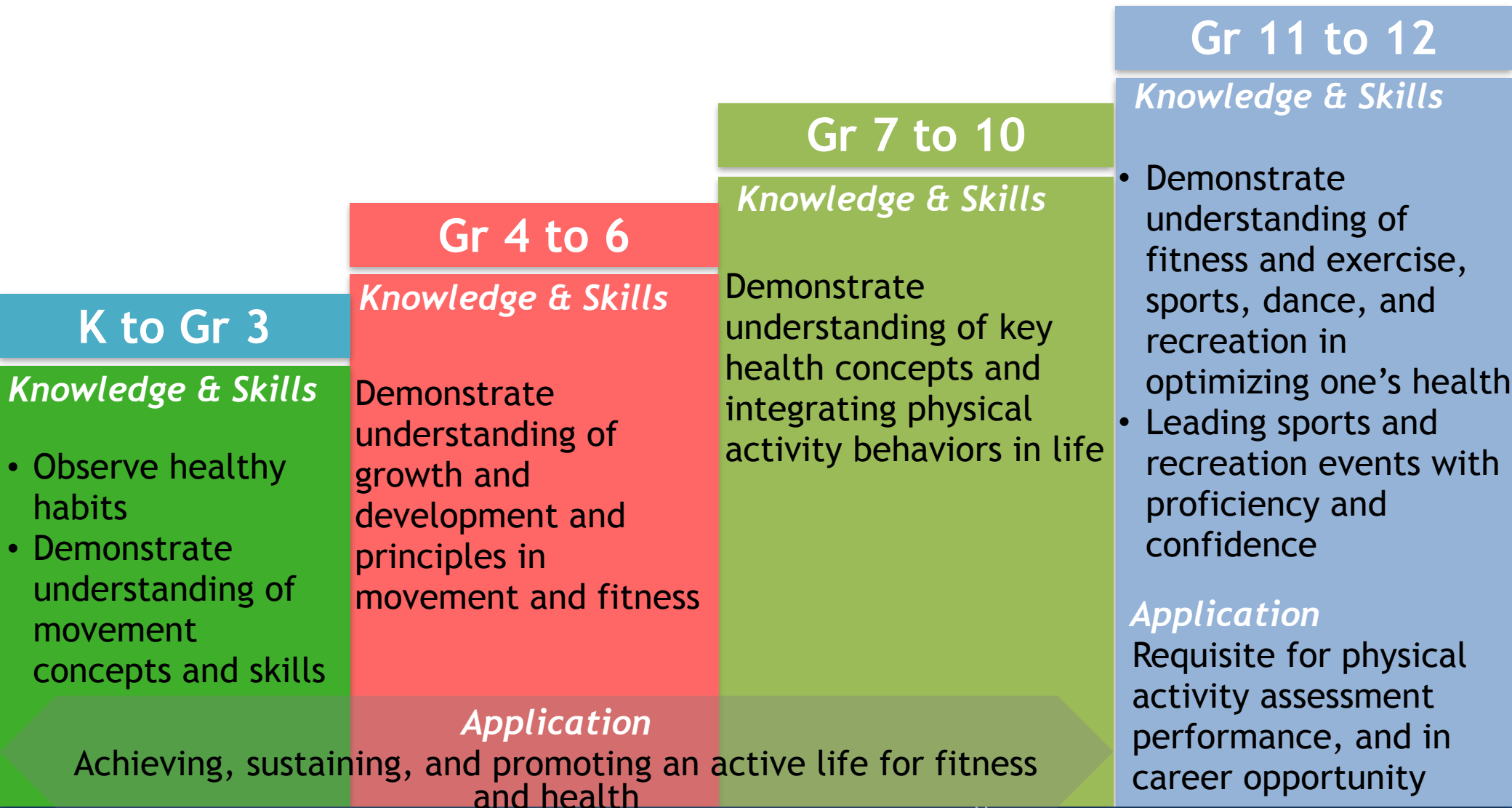
Various Areas and Topics covered in the K to 12 Curriculum

Children's Rights Peace Education Gender Awareness and Development
Disaster Readiness Arts Citizenship Education Sports Reproductive Health
Climate Change Special Education Financial Literacy Entrepreneurship

Strengthening Science and Technology Literacy



Physical Education, Health, and Sports for Ages 5 and Up



Technology and Livelihood Education (TLE) and the Technical-Vocational-Livelihood (TVL) Track

TLE in Junior High School

Exploratory at Gr 7 and 8

Given the opportunity to explore from a maximum of 4 TLE mini courses for each level

Taught five basic competencies common to all TLE courses

Learners may earn a Certificate of Competency (COC) and/or a National Certificate I or II (NC I / NC II) in or after Gr 9 and Gr 10

Learners may opt to take the Technical-Vocational-Livelihood track in Gr 11 and Gr 12 to continue the TLE specialization taken in Gr 9 and Gr 10. This enables him to get a higher qualification.

Senior High School Curriculum

SHS CORE CURRICULUM: THE EIGHT (8) LEARNING AREAS



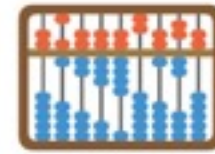
LANGUAGE



HUMANITIES



COMMUNICATION



MATHEMATICS



PHILOSOPHY



SCIENCE



SOCIAL SCIENCE

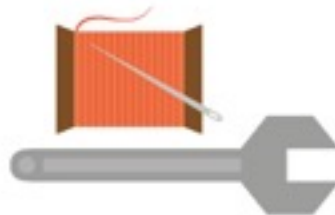


P.E. & HEALTH

SHS TRACKS



ACADEMIC*



TECHNICAL-VOCATIONAL-
LIVELIHOOD



SPORTS



ARTS & DESIGN

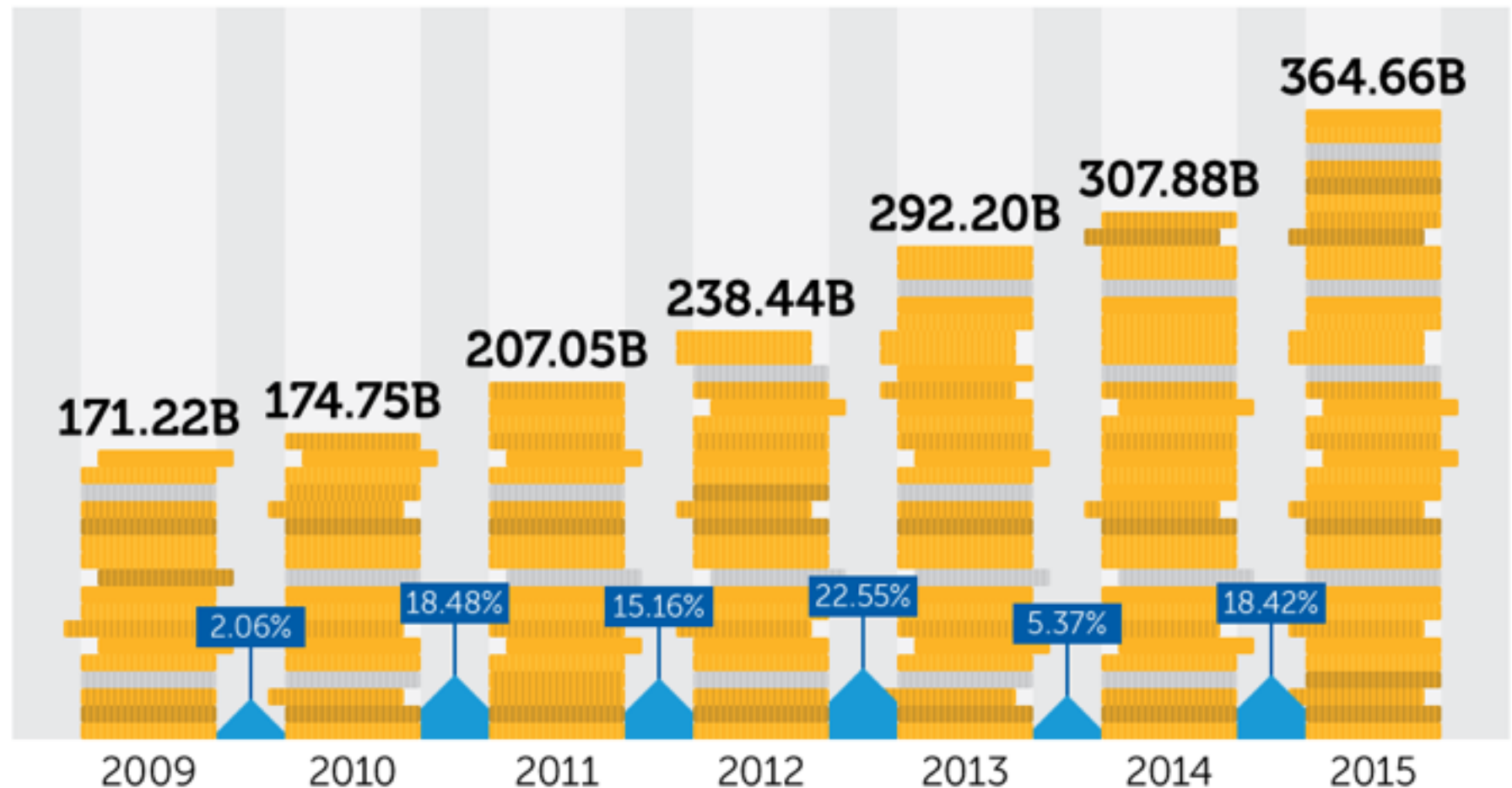
**The Academic track includes four (4) strands: Accountancy, Business, Management (ABM); Humanities, Education, Social Sciences (HESS); Liberal Arts; and Science, Technology, Engineering, Mathematics (STEM).*

Basic Education Enrolment Through the Years

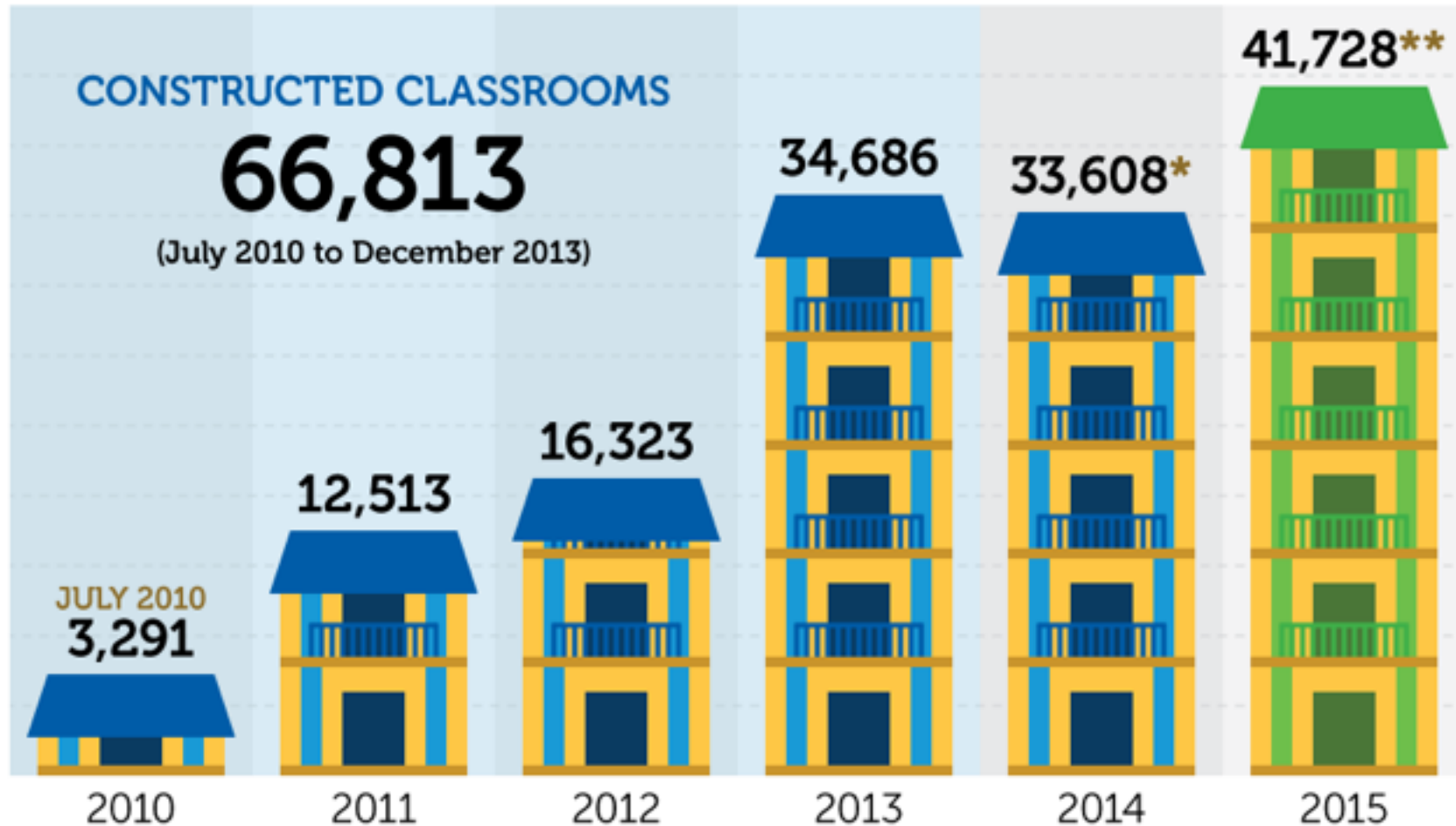
Level	SY 2008	SY 2011	SY 2014
<i>Kindergarten</i>	1,175,101	2,111,293	2,210,571
Public	746,448	1,683,229	1,812,960
Private	428,653	428,064	397,611
<i>Elementary</i>	13,686,643	14,436,345	14,481,626
Public	12,574,506	13,241,213	13,301,248
Private	1,112,137	1,195,132	1,180,378
<i>Secondary</i>	6,763,858	7,049,877	7,281,362
Public	5,421,562	5,635,664	5,928,042
Private	1,342,296	1,414,213	1,353,320
<i>Total</i>	21,625,602	23,597,515	23,973,559
Public	18,742,516	20,560,106	21,042,250
Private	2,883,086	3,037,409	2,931,309

Investments in Basic Education

Investment in education has massively increased through the years, signifying the government's commitment to quality education and inclusive growth.



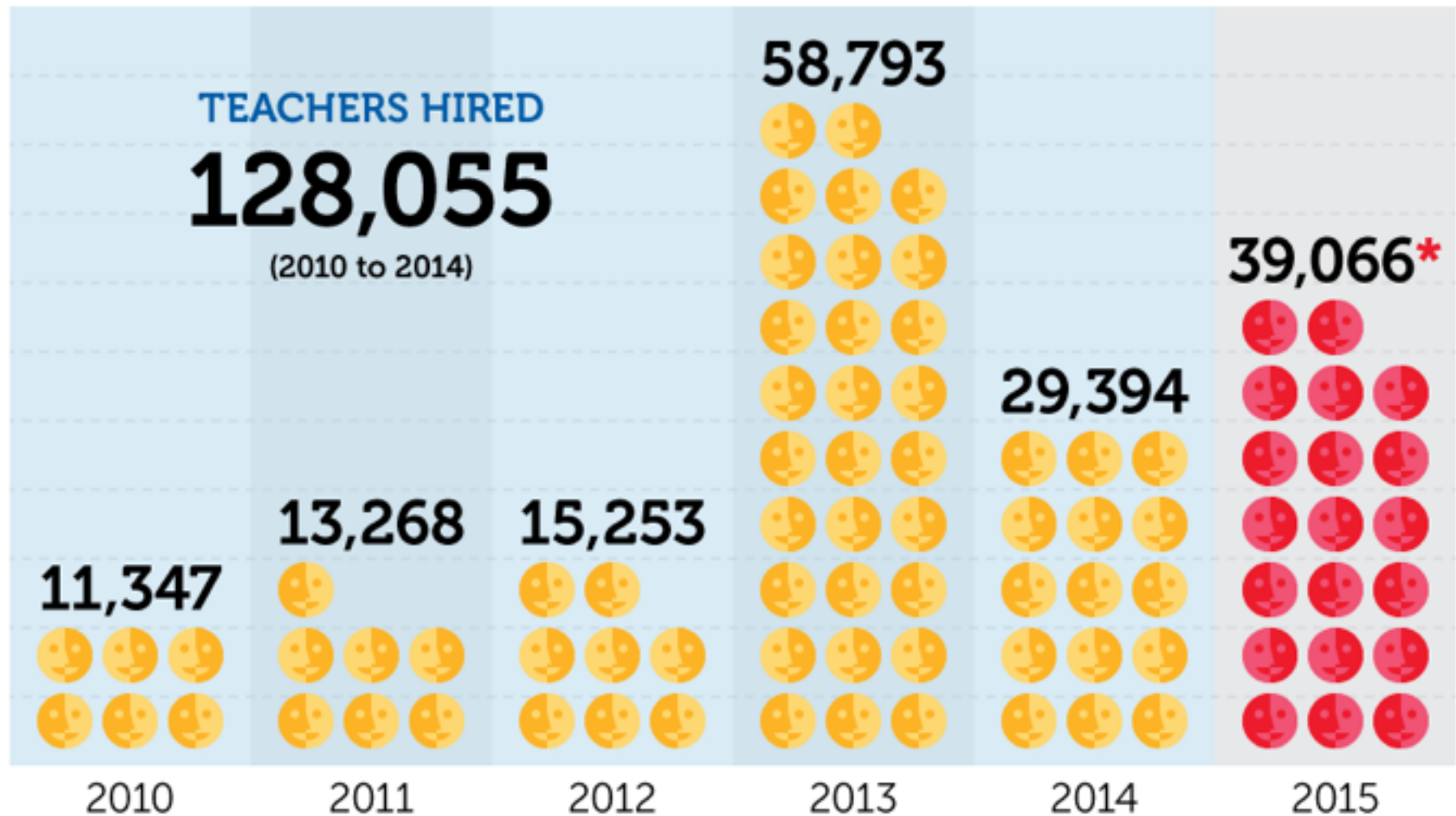
Classroom Construction



*Includes classrooms completed and ongoing construction

**As proposed in DepEd's 2015 budget

Teacher Hiring



*Teacher items to be created as proposed in DepEd's 2015 budget

Where We Will Go
**The Senior High School Implementation
Plan for 2016 and 2017**

DepEd SHS Indicative* Plans: National Summary

	<i>SY 2016</i>	<i>SY 2017</i>
No. of Gr 11 students from DepEd HS**	1.2M–1.6M	1.2M–1.6M
No. of students in DepEd SHS	0.8M–1.1M	0.8M–1.1M
No. of students to transfer to Non-DepEd SHS	0.4M–0.5M	0.4M–0.5M
Estimated no. of SHS classrooms needed (40 students : 1 classroom)	20k–28k	20k–28k
Estimated no. of SHS teachers needed (9 teachers : 6 sections)	30k–41k	30k–41k
Total no. of DepEd Junior HS (as of SY 2013)	7,914	
Indicative no. of current DepEd HS to offer SHS	5,020	} 5,216
Indicative no. of proposed DepEd stand-alone SHS	196	

*Plans as of January 14, 2015; final plans by March 31, 2015

**Gr 11-12 enrollees may include ALS completers and HS graduates from previous 2015 and earlier years who were unable to proceed to or complete post-secondary education

DepEd SHS Indicative* Plans: Program Distribution

	No. of Schools	No. of Student Slots	
Academic	4,191	1.14M	50.6%
<i>STEM (S&T, Engineering, Mathematics)</i>	1,023	194k	8.7%
<i>ABM (Accountancy, Business and Management)</i>	1,316	212k	9.5%
<i>HUMSS (Humanities and Social Sciences)</i>	1,232	171k	7.6%
<i>General Academic</i>	3,597	558k	24.9%
Technical-Vocational-Livelihood	4,253	1.04M	46.5%
Arts and Design	209	32k	1.4%
Sports	186	32k	1.4%

*Plans as of January 14, 2015; final plans by March 31, 2015

2014 and 2015 Budget for SHS Facilities and Equipment

Components	2014 and 2015 GAA Allocation	For 2016*
Classrooms	29,800 classrooms (P45.62B)	25,000+ classrooms
Seats	800,000 seats (P560M)	300,000+ units
STEM Equipment	2,162 sets (P2B)	3,000+ sets
Tech-Voc Laboratories	455 labs (P1.14B)	3,000+ labs
Tech-Voc Equipment		5,000+ sets

*Indicative figures only; actual figures will be different based on the final DepEd SHS plans

Proposed SHS Voucher Program

1. Enable Gr 10 finishers from DepEd JHS to enroll in non-DepEd SHS (private HS, private HEIs, SUCs/LUCs offering Gr 11-12)
2. Provide ongoing financial assistance to ESC beneficiaries of private HS when they reach Gr 11-12
3. Voucher amounts aligned with cost of public provision – at most, we spend on a non-DepEd SHS student the equivalent of what we spend on a DepEd SHS student
4. Voucher amount dependent on the location and type of non-DepEd SHS, and whether student came from public or private JHS

Tier	Full Amount (100%)*	For Private JHS Finishers** (80%)	For SUCs and LUCs (50%)
Tier 1	P22,500	P18,000	P11,250
Tier 2	P20,000	P16,000	P10,000
Tier 3	P17,500	P14,000	P8,750

**Proposed voucher amounts are under review and may increase if estimates of cost of public provision increases*

***Gr 10 finishers who are ESC beneficiaries are automatically eligible to receive SHS vouchers; Gr 10 finishers who are not ESC beneficiaries may apply for SHS vouchers; requirements for the latter group will be covered by new DepEd guidelines*

With the SHS Voucher Program, this is an indicative distribution of SHS students in 2016 and 2017

Junior High School

Enrollees from DepEd JHS
(2.4M – 3.2M)

From Private JHS
(0.7M)



Senior High School

DepEd SHS Enrollment
(1.6M – 2.2M)

From Public JHS to
Non-DepEd SHS
(0.8M – 1.0M)

From Private JHS
to Private SHS
(0.7M)

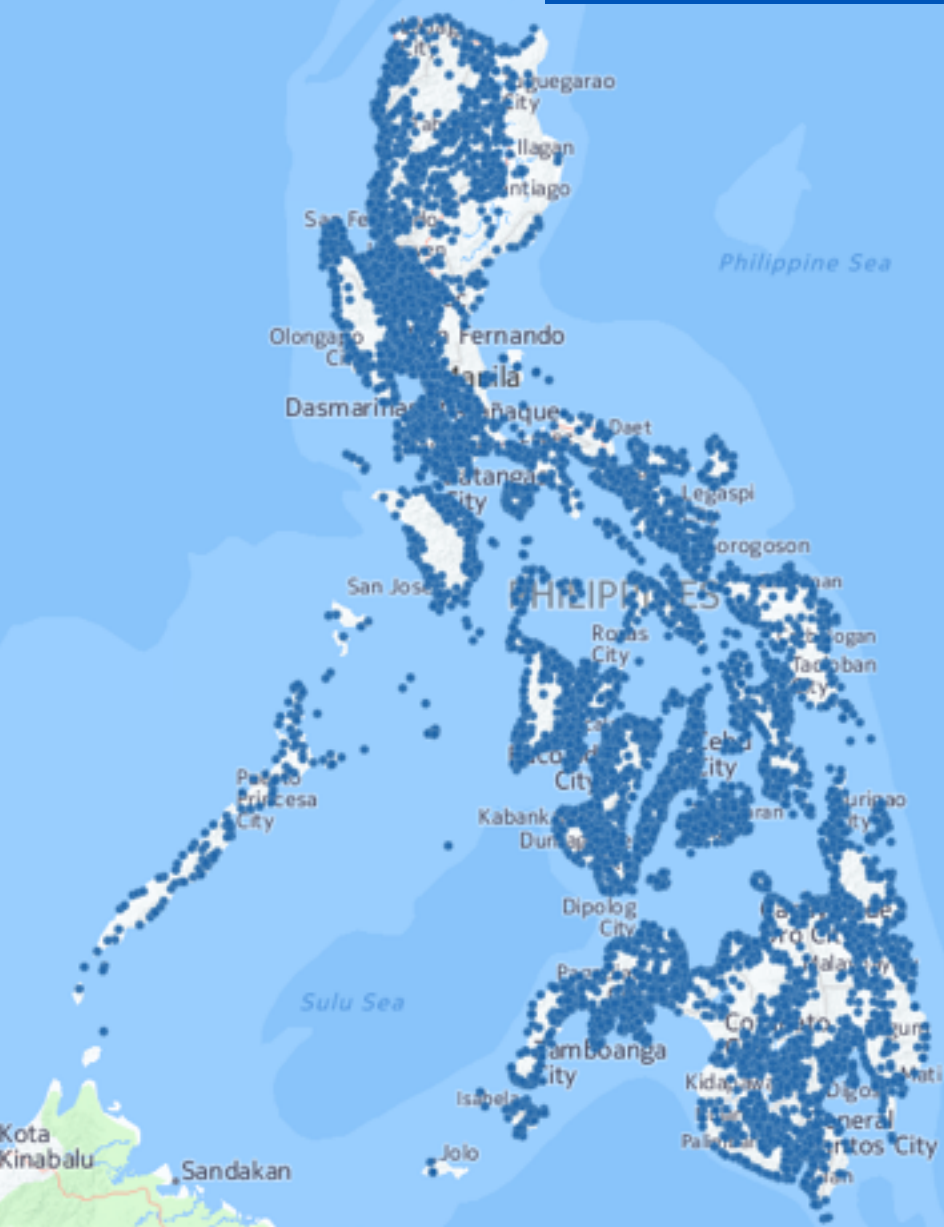
Status of SHS Permits for Non-DepEd Schools

274 Private schools* with SHS permits
beginning in SY 2014 or 2015

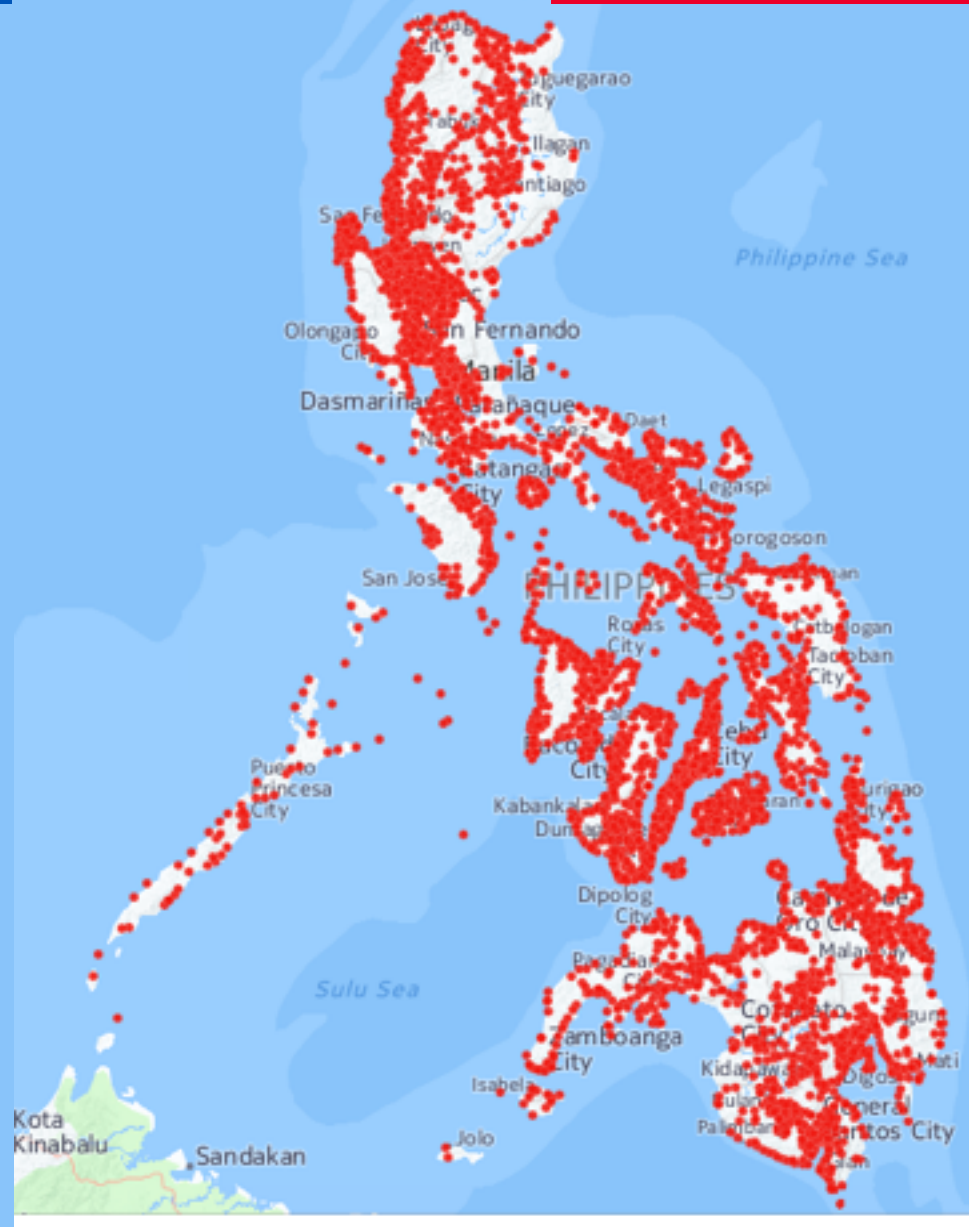
1,116 Applications* for SHS permits for
SY 2016 that will be issued by
March 31, 2015

*Data on applications for SHS permits are as of March 5, 2015.

DepEd Junior HS



DepEd Senior HS



Massive inputs for:

- ❑ School buildings
- ❑ Learning materials and implementation resources such as textbooks, libraries and ICT assisted learning
- ❑ Hiring and professional development of teachers

Full K to 12 Curriculum

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K to 12 Curriculum

Elementary

KINDERGARTEN
GRADE 1-6

GRADE 7-10

Junior High

Grade 7-8
(Exploratory TLE)

Grade 9-10
(Specialized TLE)

Senior High

CORE
SUBJECTS

TRACKS

Applied Track Subjects

Academic

General Academic
STEM
ABM
HUMSS

Sports

Arts and Design

Technical Vocational Livelihood

Home Economics
Agri-Fishery
Industrial Arts
ICT

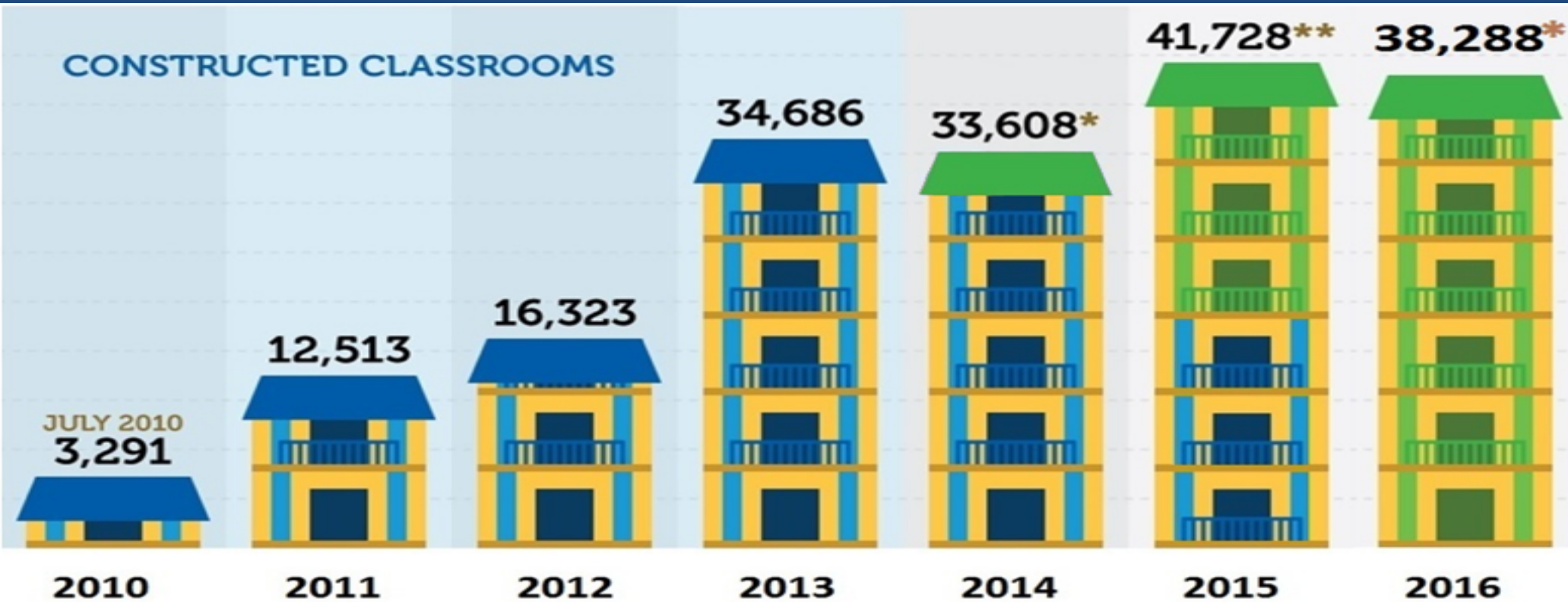
Curriculum Guides

- Kindergarten
- Grade 1 - 10
- Senior High School Core Curriculum Subjects
- Senior High School Applied Track Subjects
- Senior High School Specialized Subjects

Curriculum Guides

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Classroom Construction, All Sources



Improved Classroom-to-Students Ratio

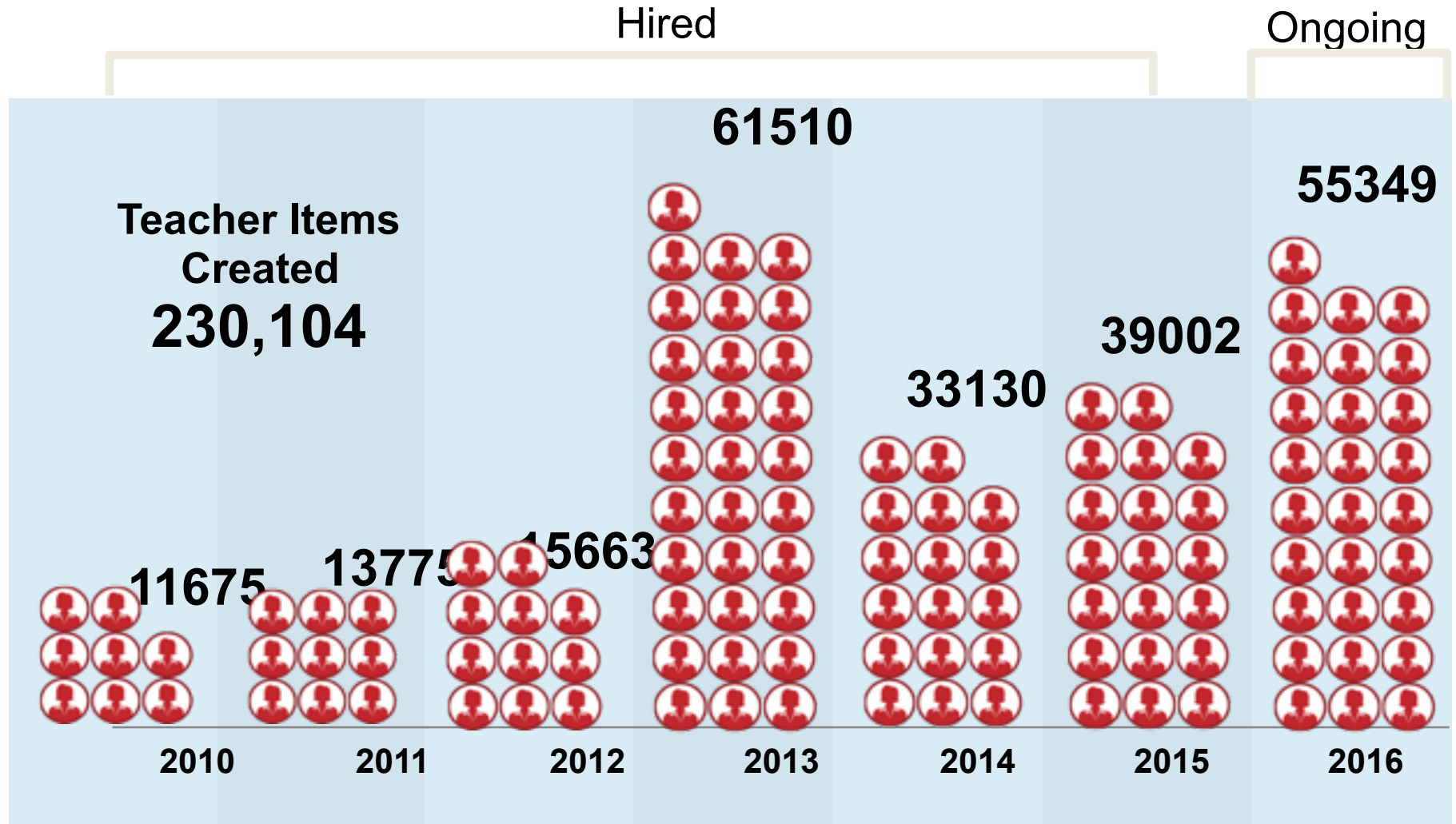
2009. Elem 1:39 Sec 1:54

2014 Elem 1:34 Sec 1:48

*2014- 2016 Includes classrooms completed and ongoing constructions

**30,000 classrooms are for SHS while the balance is for incremental enrolments in Kindergarten to Grade 10

Teacher Hiring (2010 to 2016)

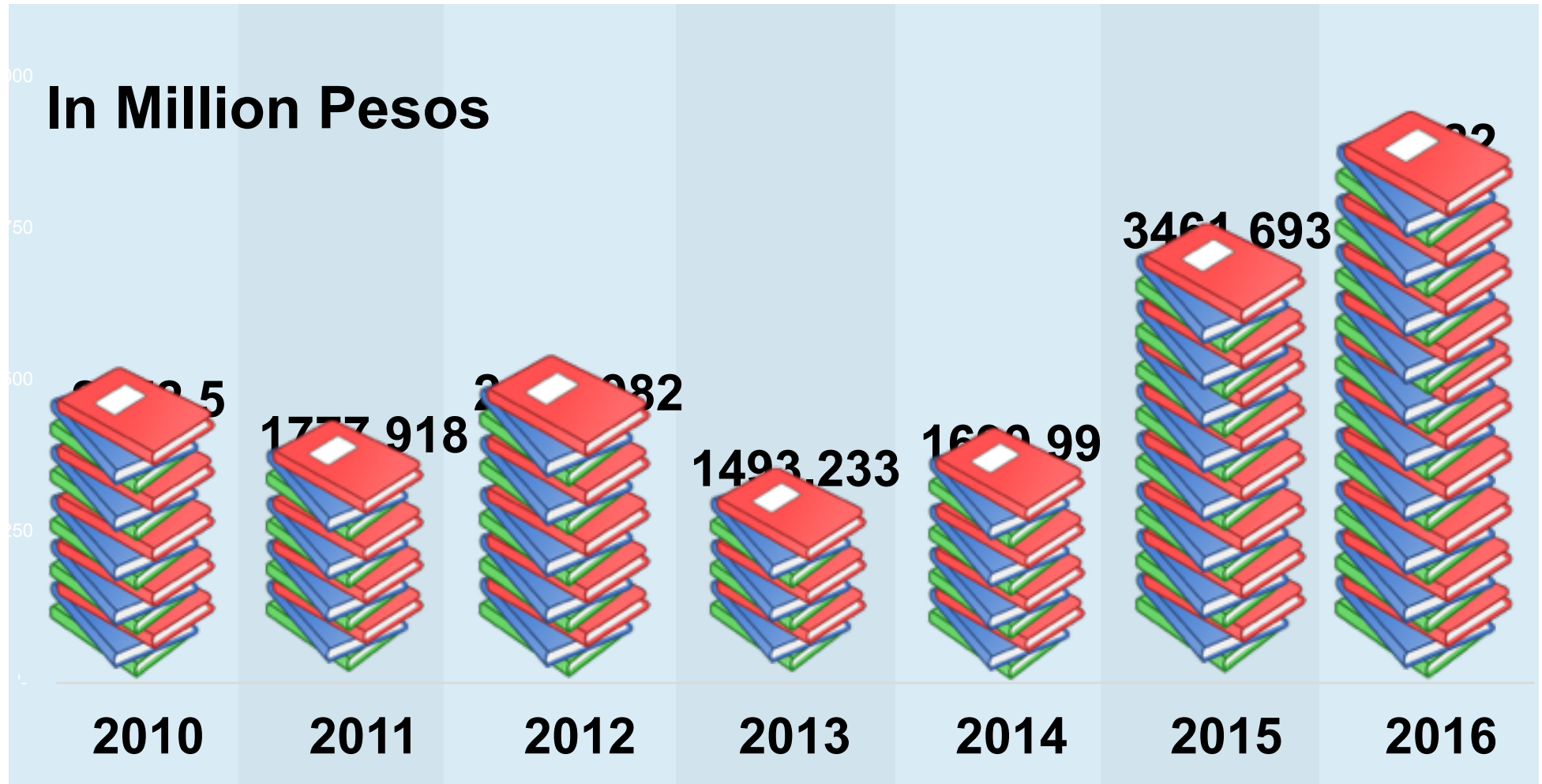


Improved Teacher-to-Students Ratio

2009. Elem 1:36 Sec 1:38

2015 Elem 1:33 Sec 1:25

Learning Materials and Implements



Other Challenges and Issues

- ❑ Full implementation of K to 12 Program which requires more resources

This year, DepEd started the implementation of Senior High School

The good news: The anticipated large number of Drop-Outs did not occur



1,517,610 SHS Enrollees

1,460,970
Grade 10
Completers

54,262
Balik-aral
Students

2,378
A&E Passer

Total Grade 10 completers : 1,483,388

Grade 11 Enrolment Distribution per Track



Academic
914,436 enrollees

60.27%



**Technical-
Vocational-
Livelihood**
594,027 enrollees

39.15%



**Arts and
Design**
5,751 enrollees

0.38%



Sports
3,096 enrollees

0.20%

Program	Total	Percentage
Accountancy, Business, and Management	217,470	14.33%
General Academic	326,964	21.55%
Humanities and Social Sciences	142,405	9.38%
Science, Technology, Engineering, and Mathematics	224,905	14.82%
Pre-Baccalaureate Maritime	2,692	0.18%

Another good news: The anticipated massive displacement of teachers also did not occur



Reforms: Work in Progress



Promptly convened a mid-year review of Project Procurement Management Plans (PPMPs) to catch-up on procurement especially of big-ticket items



Introduced greater leadership supervision over Finance & Admin:

- (1) Usec for Budget and Performance Monitoring
- (2) Usec for Disbursements and Accounting
- (3) Usec for Administration
- (4) Asec for Procurement



We will establish an Integrated Financial Management Information System (IFMIS) able to track the status of the Department's budget releases and disbursements in real time

Reforms: Work in Progress



EPDU Immediate Activities



Workshops on Project and Finance Management to **increase staff performance**

Bi-monthly and standardized Reporting to **expedite detection of problems and obstacles**

Simplified Processes for **efficient flow of internal transactions**

Concentrated assistance from the Technical Group in **resolving bottlenecks and delays in program delivery**

Online Data System for **faster and accurate data collection**

Reforms: Work in Progress

Quality



Access



Governance



K to 12: Addressing continuing and expanding needs
-teachers
-classrooms+
-school facilities
-instructional materials

Formal Education
+
ALS

Improving financial management systems and accelerating budget utilization

Duterte Admin:
Full implementation of reforms

Major items in FY 2017 Budget



Provision of additional basic resources to support the curriculum needs



Expansion of Alternative Learning System

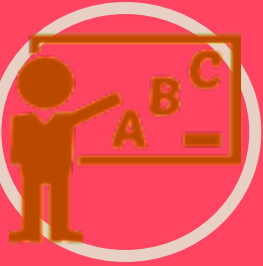


Expansion of complementarity of private and public schools institutions



Strengthen Capacity of Teachers, Education Leaders and DepEd Personnel

Provision of additional basic resources to support the curriculum needs



53,831
Teachers,
P15.5B



13,266 Non-
Teaching Items
for Schools, P4B



47,492*
Classrooms,
P65.4B



66,492 **sets of
school seats,
P2.5B

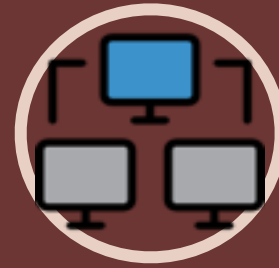
* This includes the 10,000 classrooms for replacement

** This includes the 19,000 sets of seats as counterpart to LGU

Provision of additional basic resources to support the curriculum needs



55.8M Learning Materials,
P3.0B



30,697 ICT Packages,
P6.9B* with MOOE



7,260 TechVoc Tools and Equipment packages,
P7.3B



8,833 science & math equipment packages,
P4.5B



17,562* Laboratories,
P43.9B

* 8,033 Regular TVL Labs; 2,190 Unique TVL Labs; 3,392 Science Labs; 3,947 ICT Labs

Expansion of Alternative Learning System



Offering ALS in drug rehabilitation centers



Developing alternative learning methods for hard-to-reach mountain regions, small island, as well as densely populated areas



Establishing ALS in countries where children of Filipino migrants do not have access to formal education

Enhancement of the Complementarity of Private and Public School Institutions



P 9.0 Billion

Education Service
Contracting

1 Million Grantees

P 24.0 Billion

Voucher Program for
Private Senior
High Schools

1.4 Million Grantees

P 1.3 Billion

Voucher Program for
Non-DepEd Public
Senior High Schools,
138,462 Grantees

P 1.5 Billion

Joint Delivery Voucher
for Senior High School
Technical Vocational and
Livelihood
Specializations

100,000 Grantees

Improvement of the Capacity of Teachers, Education Leaders, and DepEd Personnel



Building the SDOs' capacities in managing and supervising Senior High Schools

Strengthening DepEd ROs' capacity in managing and hosting training programs, among similar activities

Rolling-out of the DepEd Financial Management Operations Manual and training of all finance personnel to develop a Financial Management Information System (FMIS)

Training on Curriculum for Teachers and ALS Facilitators

The FY 2017 budget proposal will ensure that....



Every Filipino has access to a complete quality basic education.

K to 12
and

Every graduate is prepared for further education and the world of work.

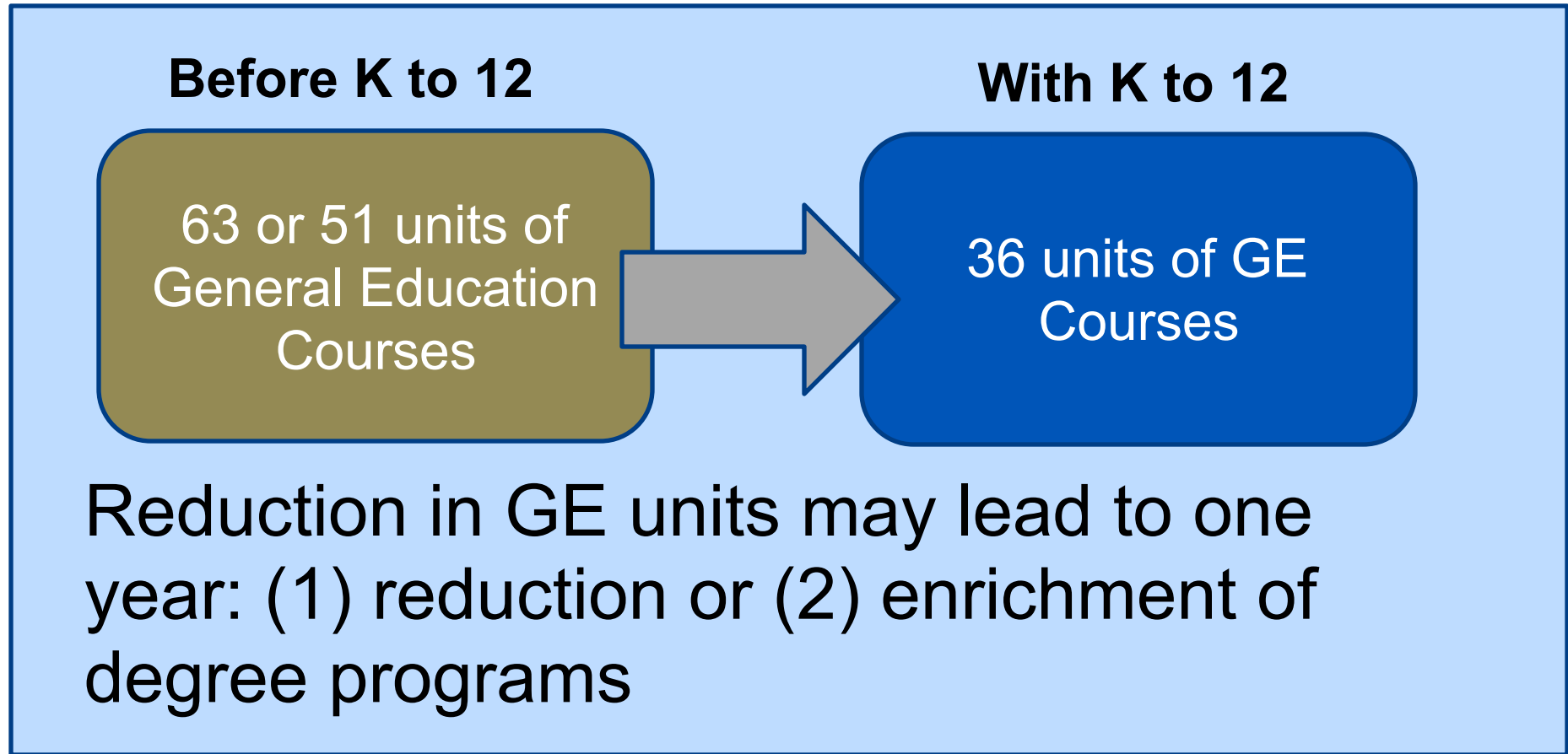
ALS

The delivery of basic education services to learners is effective, efficient and collaborative.

Implications for Teacher Education

The implications in the implementation of the Senior High School program would be related to curriculum concerns in teacher education most especially with reference to the curriculum and enhanced pedagogies and assessments including the use of technological resources.

1. Effect of K to 12 on Higher Education Degree Programs



*CHED Memorandum Order No. 20, s. 2013

2. A continuum of pre service and in service training program using established standards for pre service, to inform the field and theory related development in teacher education and for in service training to inform theory about practice.
3. A review of the Philippine qualification framework and the implications of this on the pre service and in service training programs in the K to 12 program.
4. A review of the outcomes-based education and quality assurance program in relation to the senior high school curriculum.
5. The following are more specific concerns that may be reviewed related to the pre curriculum concerns:

Improvement of the curriculum with reference to:

- ☐ content
- ☐ pedagogies
- ☐ assessment
- ☐ technological resources

- Constructivism in a learner-centered environment needs to be encouraged if creativity is to be encouraged
- A continuum of pre-service enabling tertiary level to inform the field about theories of teaching and learning and basic education to inform the tertiary level about practice. At this stage the use of a common standard for pre-service and in-service training needs to be utilized as bases for continuing training

- The training of teachers transferring to the senior high schools like teachers from the lower year-level in the secondary level and those coming from the college level would need training on pedagogies as well as content of the additional 2-year curriculum

- There is a need to look closely at the K to 12 curriculum and curriculum offerings at the tertiary level and the newly formulated Qualification Framework at the tertiary level
- Because of the emerging digital resources available, new ways of learning, new ways of thinking, new resources for teaching and learning should be reviewed

- With emerging concerns related to globalization there is a need to look at new directions and the relevance of the curriculum
- Concerns related to quality education, governance of school, school system, school leadership concerns need to be revisited