

Republic of the Philippines
Quezon City

SEVENTEENTH CONGRESS
First Regular Session

HOUSE BILL NO. 1835

HOUSE OF REPRESENTATIVES	
RECEIVED	
DATE:	21 JUL 2016
TIME:	1:40PM
BY:	
REGISTRATION UNIT BILLS AND INDEX SERVICE	

Introduced by Representative Federico S. Sandoval, II

EXPLANATORY NOTE

Malabon City is one of the most densely populated cities in Metro Manila and according to the 2015 census, it has a population of 365,525. This School Year 2016-2017, there are 28 public elementary school with a total population of 50,144 and 12 public high schools with a total population of 22,847. It was estimated that around thirty nine percent (38.7%) of the city population is composed of young people ages one to 19 years old. This means that the city's population is relatively young and the need to put up educational institutions that would hone the minds and talents of the youth is justified.

In today's technology-driven world, educational institution must continuously adopt with the change of technology and to the needs of the society. The aim of education mandates the kind of citizen educational institution aims to produce. The fast growing needs of the global and industrial world are concomitant to the need to improve Science and Mathematics teaching. The country has high demands for graduates with careers in Science and Mathematics. The Philippine government encourages every city to address the need to develop science, mathematics and technology performance of students. *The 1987 Philippine Constitution, specifically Article XIV, Section 10 states that the State shall give priority to research and development, invention and their utilization and to science and technology education, training and services*".

As of today, Malabon City is one of the few cities in Metro Manila that has no Science High School. Although Malabon National High School (MNHS) offers a science and technology oriented curriculum, it has a regular secondary curriculum with additional science, mathematics and research subjects. *However, the Science and Technology curriculum is not a specialized Science and Mathematics curriculum which the Science High Schools offer.* MNHS could only accommodate few students since it also caters to students in the regular basic education curriculum, special program in the arts, and special program in foreign language. Funding also restricts the school in providing facilities and equipment for the students' scientific researches.

An establishment of a Science and Mathematics High School in Malabon City will provide better opportunities for highly talented students to pursue post-secondary education or careers in Science, Technology and Mathematics (STEM) to better prepare the Malabon youth and citizens to face the challenges of a Science and Technology-driven society. Furthermore, the international labor predicted that in the next decade,

16 out of 20 occupations are STEM. Given this workforce needs, the city's economic future depends on preparing more K-12 students to these scientific careers. STEM occupations are among the highest paying, fastest growing and most influential in driving economic growth and innovations. Individuals employed in STEM fields enjoy low unemployment, prosperity and career flexibility. In short, STEM education is a powerful foundation for individual as well as societal economic success. For these reasons, we must push ahead on the establishment of Science and Mathematics High School because increasing the number of students who will pursue STEM degrees can boost the competitive edge and innovative capacity of the city which can provide sound economic development strategy. It is the key component of an innovative economy and key ingredients for creating new business clusters and jobs.

Thus, this truly justifies this Representations legislative proposal to establish a Science and Mathematics High School for the best and brightest elementary graduates from 21 barangays of Malabon which will ensure quality education to more students and would provide a curriculum that is highly aimed at Science and Mathematics-related subjects. This proposed legislation would also provide: 1.) quality basic Science and Mathematics instructions to qualified children of Malabon residents; 2.) provide a conducive environment for learning science skills concepts and ideas; and 3.) establish a science community that will meet the demands of the country for a rich supply of professionals in the field of scientific career.

In view of the foregoing, approval of this bill is earnestly sought.



HON. FEDERICO S. SANDOVAL, II
Representative, Lone District of Malabon

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HOUSE BILL NO. 1835

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**AN ACT
ESTABLISHING A NATIONAL SCIENCE AND MATHEMATICS
HIGH SCHOOL IN BARANGAY HULONG-DUHAT, CITY OF
MALABON, METRO MANILA TO BE KNOWN AS MALABON
CITY NATIONAL SCIENCE AND MATHEMATICS HIGH
SCHOOL AND APPROPRIATING FUNDS THEREFOR**

Be it enacted by the Senate and the House of Representatives of the Philippines in the Congress assembled:

SECTION 1. There is hereby established, under the supervision of the Department of Education, a national science and mathematics high school in Barangay Hulong-Duhat, City of Malabon, Metro Manila to be known as Malabon City National Science and Mathematics High School.

SEC. 2. The Secretary of Education shall immediately include in the Department's program the operationalization of the Malabon City National Science and Mathematics High School, the funding of which shall be included in the annual General Appropriations Act.

SEC. 3. The Secretary of Education shall formulate the rules and regulations implementing the provisions of this Act.

SEC. 4. This Act shall take effect fifteen (15) days after its publication in the Official Gazette or in a newspaper of general circulation.

Approved,