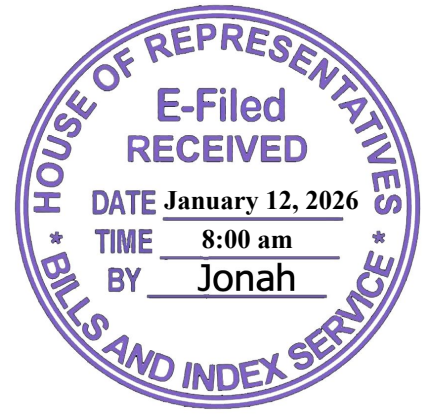


Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

TWENTIETH CONGRESS
First Regular Session

HOUSE BILL NO. 7064



Introduced by: **REP. SALVADOR A. PLEYTO, SR.**

EXPLANATORY NOTE

The quality of an educational system cannot exceed the quality of its teachers. In an increasingly digital and technology-driven global economy, proficiency in Science, Technology, Engineering, and Mathematics (STEM) has become the primary yardstick for national competitiveness.

Current data suggests that while Filipino students possess immense potential, their performance in international assessments such as the Programme for International Student Assessment (PISA) indicates a critical need for intervention. To address this, we must shift our focus toward the "architects" of learning: our teachers.

This bill, the "Globally Competitive Science and Mathematics Teachers Act," seeks to institutionalize a comprehensive framework for the recruitment, continuous professional development, and retention of Science and Math educators.

By providing specialized training in modern pedagogical techniques, enhancing digital literacy, and offering competitive incentives, we ensure that our teachers are not only subject-matter experts but also world-class mentors capable of inspiring the next generation of Filipino innovators.

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


SALVADOR A. PLEYTO, SR.

Republic of the Philippines
HOUSE OF REPRESENTATIVES
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TWENTIETH CONGRESS
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HOUSE BILL NO. 7064

Introduced by: **REP. SALVADOR A. PLEYTO, SR.**

**AN ACT STRENGTHENING THE QUALITY OF BASIC EDUCATION BY
DEVELOPING GLOBALLY COMPETITIVE SCIENCE AND MATHEMATICS
TEACHERS AND APPROPRIATING FUNDS THEREOF**

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

SECTION 1. *Short Title.* – This Act shall be known as the "Globally
Competitive Science and Mathematics Teachers Act."

SEC. 2. *Declaration of Policy.* - It is the policy of the State to protect and
promote the right of all citizens to quality education. Recognizing that Science
and Mathematics are the foundations of technological advancement, the State
shall prioritize the professionalization and global benchmarking of teachers in
these fields.

SEC. 3. *The STEM Teacher Development Framework.* - The Department of
Education (DepEd), in coordination with the Department of Science and
Technology (DOST) and the Commission on Higher Education (CHED), shall
establish a development framework consisting of:

- Advanced Pedagogy Training: Mastery of inquiry-based learning, the 5E Instructional Model (Engage, Explore, Explain, Elaborate, Evaluate), and flipped classroom methodologies.
- Digital Integration: Training in the use of computational tools, simulation software, and AI-assisted learning environments.

- Global Benchmarking: Alignment of local curricula with international standards (e.g., PISA, TIMSS) to ensure Filipino students can compete globally.

SEC. 4. *Incentives and Specialized Scholarships.* - To attract the best minds into the teaching profession, high-performing graduates of Science and Math degrees shall be offered a lateral entry program into teaching with a full scholarship for professional education units.

A specialized allowance shall be granted to Science and Math teachers who obtain international certifications or publish peer-reviewed educational research.

SEC. 5. *Continuous Professional Development (CPD).* - The DepEd shall mandate annual "Innovation Labs" where teachers undergo immersion in industries or research institutions to apply theoretical knowledge to real-world problems.

SEC. 6. *Appropriations.* - The amount necessary to implement the provisions of this Act shall be included in the annual General Appropriations Act.

SEC. 7. *Implementing Rules and Regulations (IRR).* - The DepEd, in consultation with recognized teacher organizations and the Department of Science and Technology (DOST), shall promulgate the IRR necessary for the implementation of this Act.

SEC. 8. *Separability Clause.* - If any provision of this Act is declared invalid or unconstitutional, the remaining provisions shall remain in full force and effect.

SEC. 9. *Repealing Clause.* - All laws, decrees, orders, rules, and regulations, or parts thereof, inconsistent with the provisions of this Act are hereby repealed or modified accordingly.

SEC. 10. *Effectivity.* - This Act shall take effect fifteen (15) days after its publication in the Official Gazette or in at least two (2) newspapers of general circulation.

Approved,