SANTOS, FERIEL ANN CAMILE P.
BSAIS- 3A

Evaluation on the 1st Government S&T Policy: Social Sciences, Humanities, Education, and Governance

Science and Technology (S&T) policies in the realm of Social Sciences, Humanities, Education, International Policies, and Governance play a crucial role in shaping national identity, enhancing human capital, and achieving inclusive development. This essay evaluates a specific set of policies under this domain—namely, integrating ASEAN awareness in basic education, promoting mother tongue instruction, investing in educational infrastructure and ICT, and ensuring local food security. Each of these components contributes to the long-term development of the country and its people, though they also come with challenges.

Is that integrating ASEAN awareness into basic education promotes regional identity, peace-building, and cultural literacy. It aligns with the broader goal of regional integration under the ASEAN Community Vision 2025, fostering a generation that is regionally aware and globally competitive. Students learn to appreciate diversity, understand regional geopolitics, and participate in cooperative efforts. However, without a localized curriculum or proper teacher training, this integration may lead to superficial learning. There's also the risk of sidelining national history and local contexts in favor of broader ASEAN-centric themes. If not balanced, it may create identity confusion among young learners.

The use of the mother tongue in early education has been shown to improve literacy, comprehension, and cognitive development. It fosters inclusive, particularly in indigenous and rural communities where children may not initially understand the national language. This policy is grounded in strong empirical support from UNESCO and linguistics research. One of the main challenges lies in implementation—developing localized teaching materials and training teachers in multiple dialects is resource-intensive. There's also a risk of hindering national language acquisition if the transition to bilingual or multilingual education is not managed properly.

Improving school infrastructure and expanding broadband access democratize education, especially in remote and under-served areas. The digital transformation of education helps bridge the urban-rural divide and prepares students for a technology-driven global economy. ICT tools enhance teaching methods and student engagement. However, unequal distribution of resources continues to be an issue. Many schools still lack reliable electricity, trained ICT staff, or proper maintenance for digital equipment. Moreover, the focus on digital tools can inadvertently widen educational inequality if not paired with adequate support for marginalized groups.

Promoting local food security through community education supports both sustainability and public health. It strengthens rural livelihoods and fosters local innovation in agriculture and nutrition. Integrating food security into educational curricula builds awareness among youth about environmental stewardship and resilience. Nonetheless, food security policies often clash with market-driven agricultural practices and globalization. Limited funding and coordination among local government units can also hinder implementation. In some cases, educational efforts are not sustained or scaled, reducing long-term impact.

In conclusion the evaluated S&T policy areas reflect a comprehensive approach to nation-building through education, governance, and social development. Each component—ASEAN awareness, mother tongue instruction, ICT-enabled infrastructure, and local food security—supports the creation of an inclusive, informed, and resilient society. However, successful implementation depends on localized strategies, sustained investment, and cross-sector collaboration. Addressing disparities in access and ensuring culturally sensitive frameworks are essential for maximizing the benefits of these policies. In sum, while these initiatives lay a strong foundation for sustainable development, continuous evaluation and adaptive governance are necessary to realize their full potential.

References (APA Style)

ASEAN Secretariat. (2015). ASEAN socio-cultural community blueprint 2025. https://asean.org

Department of Education. (2020). Mother tongue-based multilingual education policy. Republic of the Philippines. https://www.deped.gov.ph

Food and Agriculture Organization. (2020). Food security and nutrition: Building resilience. https://www.fao.org

Republic of the Philippines. (2019). Philippine development plan 2017–2022. National Economic and Development Authority. https://pdp.neda.gov.ph

UNESCO. (2003). Education in a multilingual world (UNESCO Education Position Paper). https://unesdoc.unesco.org/ark:/48223/pf0000129728

World Bank. (2021). Digital transformation of education systems in Southeast Asia: Policy brief. https://www.worldbank.org