NCLB and Education in the Pacific: A Dire Need for a Balanced Perspective... What Do We Do Now?

By
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A Balanced Ecosystem

Communal lifestyle in traditional Samoa dictated land use pattern and the division of land. This traditional way of land use followed a conservationist pattern, wherein people’s dwellings were close to the sea, and the natural flora and fauna remained close to virgin rainforest on the mountaintops. Each segment of land had its purpose. Each part was dependent on the other. A balanced use of each segment of land was a must for sustainability and survival.

One very important segment of land in Samoa requiring a balanced ecosystem for survival is the wetland, or taufuli (tab-oo-fou-wee). The taufuli is a plant community that exists on relatively flat land. It is often waterlogged during part of the year. Taufuli are culturally, biologically, and an economically important segment of land that supplies food and protective control for pollution.

The demand and pressure for flat land have taken over the beauty and habitats of this traditional food supply. Increased population has resulted in the conversion of the taufuli to much-needed land for residential areas. The once balanced ecosystem of taufuli is fast becoming scarce in Samoa (Whistler, 1994).

Like the fragile ecosystem of the taufuli, education in Samoa has become a perplexing and unbalanced issue for decades. The demands and pressures of western ideas and values have impacted the once balanced education of Pacific Island children.

Western Practices in Pacific Education System

Several issues of western education have pressured the stark imbalance of Pacific island education. In my opinion, the expediency to comply with western mandates to obtain necessary funding and the absence of local efforts to infuse the indigenous best practices for teaching and learning with western best practices have caused an imbalance in the education systems in our communities. However, when examined, the imbalanced education system calls for an urgent need to review policies that have been brought into, without due consideration, by well-intended leaders. A critical review of these policies would reveal the dire need for an immediate integration of the indigenous ways of teaching and learning to provide a balanced perspective for Pacific education.

Although well-intended and, perhaps, effective for certain student populations in the U.S., the implementation of the NCLB, and other similar types of federal mandates for the Pacific, has resulted in the installation of policies and practices that are designed for a context other than that of American Samoa. These assumptions have camouflaged the realities of educating non-English speaking students of the Pacific in an English-only school system. These assumptions are:

1) Pacific island students enter school equipped with the prerequisite social and academic English language skills necessary to function at grade level and for all subject areas.

2) Pacific island teachers are near native English speaking models and are well-trained in implementing the much needed English development programs with minimal support.

3) The society or communities in which western schools operate in the Pacific are western-thinking and English-speaking communities.

First and most prevalent is the assumption that Pacific island students come to school equipped with the prerequisite, the social and academic English language skills necessary to function at grade level and for all subject areas. In reality, reading comprehension scores depict a different story. Samoan students do poorly in western academics. As Finu (2005) reports, “the achievement gap between American Samoan students and their statewide counterparts continue to widen. Ninety-five percent (95%) of local 4th graders lack the basic math skills in 2000” (p. 6).

The imbalance in the development of the indigenous language in contrast to the pressures and demands to have all Pacific island students quickly transition into English as early and as quickly as possible have taken their toll over decades (Hunkin-Finu, 2006). The English-only approach is a disregard for research, which has shown strong evidence on how best to teach literacy from the home to the school (Escherarrin, Vogt, & Short, 2004; Short, & Fitzsimmons, 2007; Snow, Met & Genesee, 1989; Teachers of English to Speakers of Other Languages [TESOL], 2006). It is not surprising that elementary school children score well below the national average in reading comprehension (ASDOE, 2007).
Hunkin-Finau

NCLB and other similar mandates reflect an unawareness of the many positive benefits of bilingualism, diversity, and multicultural education. Prior to the NCLB legislation in 2001, the United States Department of Education (U.S. ED) provided supportive bilingualism under Title VII of the Elementary and Secondary Education Act of 1965 (ESEA). The reauthorization of the Bilingual Education Act of 1988 to NCLB removed the focus of supportive bilingualism to mandating a focus on learning (in) English. In my opinion, the removal of supportive bilingualism from federal mandates has driven the efforts of previous education reforms backward from recognizing and utilizing the child’s primary language in his education process. In addition to the NCLB mandate, perhaps local education systems are equally responsible for the imbalance of Pacific education. Perhaps local education systems may not be informed of the most current research on best education practices nor realize the importance of contextualizing these practices, which closely align with Pacific Island education needs. In addition, perhaps local education systems may not have communicated their true educational needs to the funding sources or may not have had local expertise to provide serious efforts to develop contextualized programs.

For example, for over three decades, the American Samoa Department of Education (ASDOE) mandated an English-only language policy on the belief that this policy would produce literate bilingual students. Despite the poor scores on annual national achievement assessments in English, math, and science, the local education system has continued to promulgate an English-only system. It has been slow in addressing this critical issue because of the perceived economic and employment benefits from an English-only curriculum both locally and abroad.

The belief that an English-only and western curriculum would be most beneficial for Samoan children to function in a global world is a misconception. More often than not, teachers, themselves, are English language ELLs learners. Of the 90% of Samoan teachers in the school system, only about 40% have completed their undergraduate or graduate degrees through the unbalanced education system discussed in this paper. Too few teachers are qualified and certified to really make a significant impact on student learning. Too many teachers require remedial English courses in reading and writing. Too many teachers have difficult reading, writing, and teaching in our native language.

The teacher training programs offered for English ELL language learner (ELL) teachers, who ultimately teach ELL students, have not addressed the critical issue of language of instruction and the need to contextualize western practices. The local teacher training programs do not capitalize on the traditional and indigenous strengths of the students and their community. In addition, the teacher training programs have not and do not address the need for teachers to learn how to contextualize western practices for classroom use.

Instead, the local teacher training curriculum advocates English-only teaching and learning and western research-based practices, without regard for local language, values, or culture. Like the ELL students, Samoan teachers struggle to make sense of what they have learned and then try to teach what they think they know to students in a meaningful way.

Thirdly, the assumption that the home environment from which the Pacific Island students come is similar to and reflects the same conditions, values, and practices of middle-class homes in the U.S. is contrary to reality. The home life of Samoan students is centered around the extended family, the village, and the church. The indigenous language, traditional practices, and social expectations revolve around these three institutions. English is rarely spoken at home or in church, and most certainly not in the village.

Traditional roles, ranks, and responsibilities handed down through the generations are still practiced daily in Samoa. The home environment of students in Samoa is completely separate from the schools. When compared to the home environment of middle-class, English-speaking students in the western world, the home-school connection: in the continental U.S. communities is very much a part of the larger community. For most, the school and the community speak the same language and, therefore, practice the same values and ideals. Therefore, Is the epicenter of the education of middle-class American students and are intertwined with the community.

In light of the assumptions I have attempted to describe, and the fact that Pacific island education systems have assumed that NCLB and similar education mandates are universally good for all children and are a good fit or are aligned with local Pacific teaching and learning contexts, what should local education systems and communities do now to turn the tide in their favor? How can they re-establish a balanced education system to make education more meaningful, beneficial, and harmonious for our students?
What Do We Do Now?
In a 2007 presentation at a conference in the Pacific by Ali Glasglow of Victory University, Wellington, New Zealand, Glasglow reiterated Smith’s (1999) belief that,

In drawing upon indigenous theoretical frameworks, it would seem ... that educational policy development needs to occur within a climate that is conducive to indigenous knowledge and “ways of being” to refrain an education system that has for centuries been driven by western paradigm.

In other words, educational policies need to be developed and designed in an atmosphere that capitalizes, acknowledges, and recognizes the importance of indigenous culture, and that a balanced education system can be attained if the western policies were redeveloped, yielding from a one-sided western perspective to a perspective that reflects an integration of the indigenous “ways of being.”

Casa (2008), a specialist in the Pacific Regional Initiative for the Delivery of Basic Education (PRIDE) project in the Pacific, under the auspices of the University of the South Pacific, stated that projects designed to integrate local cultures with global ideas seem to be very effective. She says,

The design of the project emphasizes the need ... to build its educational plans on a strong foundation of local cultures and languages ... the notion of synchronizing the best of the local with the best ideas and approaches of the global world is embedded at the heart of the project.” this about designing projects with a strong foundation of local cultures. (p. 22)

Following the belief that education in the Pacific for Pacific children must be based on a strong foundation of indigenous culture and language, I recommend the following for more effective education systems in our Pacific communities:

1. Dual Language Instruction Policy
To reverse this fragile and imbalanced education situation in our territory, it is my belief that perhaps the first and most critical move to make is to address the longstanding and crucial issue of the imbalanced language of instruction policy. The current language of instruction policy weighs heavily on the teaching of English, therefore funding, instructional materials, and manpower are made available for English language teaching. On the other hand, the native language has been almost totally neglected because of the demands of the English-only language mandate. Samoan language teaching by ill-prepared staff, scarcity of materials, the lack of funding, and a secondary status to the other curriculum content areas must change immediately. The importance of Samoan language literacy must be a community commitment, not literacy in both languages is the aim of the territory. To bring about a balanced education system, a dual language of instruction policy must be instituted immediately.

Although, historically, Samoans, themselves, have had a peripheral involvement in pressuring English as the language of instruction, I believe Samoans have some of age in reversing the “white man’s burden” to make their community a more “cultured” and civilized “race” by the English-only policy (Baldwin, 1990). The Samoan education system and the general education community in the Pacific must step up to the plate; they must be involved and engaged in planning, designing, implementing, and sustaining a truly dual language of instruction policy.

For teaching to be meaningful to students who do not speak English as a native language, local education system must take into consideration the patterns of learning and teaching, which are harmonious with indigenous ways.

Despite the current predominance of English—and some language experts have said that this predominance is irreversible because of economic and employment pressures—the local attitude toward valuing our local language and the culture it embeds, must change now. The community must make every effort to ensure that the indigenous language be taught in the school system. It is a must. If Samoans are to be truly educated, the Samoan community must be literate in their native language and culture first. Heine (2005, p. 4) said,

The focus on creating ownership and making education an integral part of families and communities cannot be overlooked in Pacific communities. That ownership starts with ... building on the knowledge learners bring from home, honoring languages they bring to the school, and connecting learning to contexts familiar to them. (p. 4)

Failure to change the language of instruction policy now will not only heighten the current erosion of the native language, but will also be the spear that will deliver the death blow to the values, traditions, culture, and identity of the unique community of the Samoan people on this planet.

For teaching to be meaningful to students who do not speak English as a native language, local education system must take into consideration the patterns of learning and teaching, which are harmonious with indigenous ways. Teaching should follow a conservationist perspective and be aligned closely with indigenous learning, allowing for natural growth and development of the child from an internal direction towards external demands or from the extended family unit to the village.

2. Contextualized Learning Strategies
The fact that more than 90% of the student population speaks Samoan as a first language dictates that teaching strategies must be contextualized. What does it mean to contextualize
teaching strategies? How do you contextualize teaching strategies? Where do we start?

Emery Wento (2008, p. 20), the Director of Education in Palau, had this to say:

How do you begin to improve literacy and numeracy...? Start with what you know... We take the best out of America, Australia, and New Zealand models and integrate them into our own unique situations and produce our own models, taking into account the very unique needs of our people and our societies. (p. 20)

Contextualize means to integrate or infuse, and to localize strategies so that they are based on indigenous culture, traditions, and practices that have worked for the Pacific communities. Contextualized strategies are teaching strategies that have been localized so that teaching is relevant for Pacific children. Group work, hands-on modeling, and working with elders are some examples of contextualized strategies, or using local practices in teaching.

Following are a few examples of how Samoan children are traditionally taught within the confines of their extended family and village, and how these traditional teaching and learning practices can be utilized in the classroom.

* Teaching-Learning Communities (TLC)

Samoan society is a communal society by nature. Cultural activities are teaching and learning activities that focus on the extended family, maintaining kinship, and working together as groups. This traditional concept of working in groups in the Samoan culture can be used in the classroom. The teacher should use more cooperative group and interactive activities that lend themselves to communal activities by students in their homes. The group activities provide opportunities for social and academic interaction, which develops language skills and extends knowledge of the topics of the classroom lesson. Group activities allow for non-threatening learning, very much like traditional learning done in groups in the village. The teacher also learns in his or her TLC with colleagues in the same grade level, building, or content area. This sharing, like communal living, strengthens knowledge, skills, and teaching in the classroom.

In addition, group activities can extend to the community, wherein the teachers must “scan” the community for timely community activities, events, and celebrations, which can be used to teach parallel ideas and concepts. The TLC must include traditional people of the village as resources, the schools should be more village-based and open for sharing within and outside the walls of the classroom.

* Observe-Demonstrate Learning Model (ODL)

Educating the young in the Samoan culture begins at a tender age. The parents, grandparents, or caregiver, who is usually a younger sister or cousin models everything for the child to imitate. As children grow up in the family and in the village, the teaching-learning model is intensified to transmit knowledge and skills, such as fishing, weaving, healing, and birth. Essentially, the learner is expected to observe while the artist or teacher demonstrates or models how something is made or done. Then the observer or student is asked to demonstrate what he or she understands or knows from the first observation. As the modeling-observing-demonstrating process continues, conversation and questioning develops between the teacher and learner, until the knowledge and skills have been successfully transferred.

Samoans learn best using the modeling-observing learning model. It is non-threatening. Reliance on the printed word to learn is balanced with the opportunity to demonstrate what has been learned. Modeling on the part of the teacher is extremely important, while observing and demonstrating on the part of the student is equally important.

* Visual Literacy

The Samoan culture is an oral culture. Knowledge and skills were transmitted from generation to generation by word of mouth. Included in the oral transmission of knowledge and skills was the transmission of the skill of visually “reading” one’s environment. In traditional Samoa, many teaching and learning situations transpired through visual reading of the environment and the local surroundings. For example, skilled fishermen taught novices how to visually recognize and read the ocean, the weather, and the particular stages of plants as indications of the best time to fish for particular schools of fish. Skilled navigators learned and taught how to visually read the stars, the currents, and the Earth’s rotation to navigate from Samoa to other Pacific islands. Even children were taught to visually read the important characteristics of certain leaves, plants, and fruits for medicinal use.

Today, printed Samoan connects symbols to mental images already developed from experiences within the local surroundings. When printed English words are read, it is difficult for Samoan students to make the connection between the printed word and a mental image because since students lack the experience or knowledge of the English word. For example, the English or French word escargot—the Samoan student cannot conjure up a mental image of escargot because of the lack of
experience and knowledge of escargot. With a picture or a sample of escargot, learning connections can be made between the printed word and the image or the real thing.

The use of visual literacy in the classroom in Samoa would most certainly extend knowledge, especially for children not yet able to read. The teacher must make it a point to use images, graphic organizers, charts, tables, and other visuals to help students make connections between the printed word and mental images, and thereby increase comprehension and learning. Visual literacy support should not be limited to what the teacher gathers; equally important are the visuals the students themselves, create to illustrate their perceptions of the concepts and ideas. Student drawings and other artwork displayed in the classroom are important learning and communication tools.

* School/Community-Based Projects

In traditional Samoa, one’s worth is measured by the utility of his or her finished product. The finished product reflects knowledge, skill, and years of experience. The skill of a fine mat weaver is measured by the beauty, the luster, and the size of the fine mat produced. A house builder’s reputation would precede him because villagers would share stories of the strength and beauty of his fine work. The finished product would be useful to the family and the community as a whole in cultural ceremonies and in daily life.

Varghese and Siritikus (2002, p. 74) stated that “culturally responsive instruction . . . creating conditions in the classrooms and schools that integrate students’ needs and culture; and critical pedagogy, having students raise questions about their own immediate conditions and identify ways to transform these conditions.”

In today’s classrooms, students should be able to “show and produce” projects that focus on school and community issues, such as the environment, infrastructure, and other current issues in their schools and communities. In addition to research or book learning, school community-based projects should also include students having to connect with, work with, and learn from community leaders, parents, and resource people. Not only would students have an end product that would address issues in the school or in the community, but student learning would be relevant and extend beyond the classroom.

Summary

Education in Samoa, like the easily broken taufa’ausa, continues to exist in a perplexing and unbalanced situation. The demands and pressures of Western ideas and values have impacted the once balanced education of Pacific island children. The assumptions under which NCLB initiatives have been implemented are not valid for our context. Our education system, guided by such initiatives, is failing our children and their communities.

For teaching to be meaningful to students who do not speak English as a native language, local education systems must take into consideration teaching and learning patterns that are harmonious with local or indigenous ways. Teaching should follow a conservationist perspective and be aligned closely with indigenous learning, allowing for natural growth and development of the child from the extended family unit to the village.

Finally, to bring about a balanced education system, a dual language of instruction policy must be instituted immediately. Failure to change the language of instruction policy now will not only heighten the current erosion of the native language, but will also be the spear that will deliver the death blow to the values, traditions, culture, and identity of not only the unique community of the Samoan people, but also of all indigenous peoples on this planet.

About the author

Dr. Salusalumalo S. Hunkin-Finau attended Brigham Young University-Hawaii and Brigham Young University-Provo, where she earned her master’s degree, and the University of Hawai’i-Manoa, where she earned her doctoral degree in education. Dr. Hunkin-Finau has more than 35 years of experience as a classroom teacher, school administrator, and program director, and is president of the local community college in American Samoa. She has taught education courses for many years as an adjunct faculty for the University of Hawai’i’s College of Education and Chaminade University’s School of Education. In 2007, she was invited by Waikato University and Waikato Poly Trade School, Waikato, New Zealand, to be a visiting scholar. A long-time advocate of indigenous culture and language programs for teachers and students in American Samoa, Dr. Hunkin-Finau recently worked as an education specialist at PREL in American Samoa under the Pacific CHILD research program and under a grant developing English language learner assessment items. Currently employed by Arizona’s PIMA Pacific Partnership agency, she is providing technical assistance and training for strengthening families programs and prevention of underage drinking programs in American Samoa.

References


Hunkin-Finau


Commentary:

José Jones-Lizama, Senior Specialist, Pacific Resources for Education and Learning

Dr. Hunkin-Finau highlights some key issues regarding the impact of adopting western education ideals and values into Pacific education systems at the expense of more relevant cultural and traditional ways of teaching. Furthermore, she outlines several recommendations for the Samoan community that are grounded in the cultural ways of the Samoan people. The idea of establishing an education system that is grounded in the cultural ways of the indigenous people is one that other Pacific island communities can utilize and benefit from. However, it is hard to ignore the fact that many Pacific island communities have placed a lesser value on their own traditional ways of teaching children. They tend to view western ways as superior to those of their own culture. I suspect that this is a direct result of being colonized and dominated by the West for decades. Having been taken over and told what to do and how to do things within the community, ranging from governing to educating, has certainly played a role in shaping the belief that traditional ways are of lesser importance and significance than the ways of the colonizers. I believe that before Pacific island communities can implement the culturally relevant recommendations being proposed, they must be willing to embrace their traditional values and ideals of what and how to teach children and realize that those values and ideals have as much to offer as those from the West.

Many education systems throughout the Pacific have employed the western education system for years. Just as with changing anything else that becomes familiar over time, changing an education system that has been in place for years is sure to be met with some resistance. Unlike traditional education ideals and values, western education systems can boast of many scientifically based research studies that support the content, strategies, and techniques that make up the systems. What many Pacific island communities overlook is the fact that most, if not all, of the research studies supporting the western education systems were conducted in contexts far removed from contexts within which many Pacific island communities live. Although there may not be a substantial number of scientifically based research studies focusing on specific indigenous traditional ideals and values of education, the fact that many aspects of indigenous cultures, such as traditional navigational technologies, traditional arts, and traditional ways of growing and gathering food, still exist is strong evidence of the promise and value of traditional ways of teaching.

As the Pacific region works toward preparing our children for a global society, we must not lose sight of what our own cultures have to offer in the area of educating our children. If we can see the current set-up of our education systems is not working for our children, then it is our responsibility to look beyond the western ways. By recognizing that there are traditional ways of teaching that have worked for generations and by embracing those ways, Pacific island communities can take the first steps toward providing a more meaningful and balanced education for our children. The questions that remain are: How can we, as service providers to Pacific island communities, help bring this balance to education throughout the Pacific? And, How do we prepare for and address the resistance that we are sure to meet?
Response to Commentary:

By Salusalumalo S. Hunkin-Finau, EdD

Author and historian Melisea, who happens to be of Samoan ancestry, made an interesting comment during his lecture at the American Samoa Community College Samoan Studies Lecture Forum a few years back. He commented that we are not Samoan until we are outside of Samoa. He explained that, in general, we are born, raised, and live our lives in our island communities without ever having to qualify our “Samoanness.” Our identity is never questioned within our own birth communities; it’s a given. However, when we travel outside our indigenous environment and birth community, we are questioned about our language, our identity, and our way of life. When we live outside our birth community, we find ourselves cognitively defining and describing ourselves to the curious and the ignorant. Often we are asked to categorize ourselves to a particular region of the Pacific, as well as provide a short synopsis of our cultural history as it relates to the other entities of the Pacific and the world. It is then that we feel the need to more fully understand our values, our traditional practices, our beliefs, and what makes us unique to satisfy the external questions regarding who we are.

For decades, standardized and national test scores of Pacific island students in reading, math, and science have revealed the inadequacies in western and western-patterned education systems implemented in Pacific island communities. For too long, we have allowed test scores to label our Pacific island students as disadvantaged, remedial, and/or academically at risk. All the while, our Pacific island education systems continue to undervalue our students, with it’s negative results being felt in the community.

A few Pacific island education systems have come to the realization that the imbalance of education in our local communities is inexcusable. They have been unable to ignore or omit indigenous language and culture in the learning and teaching environment of students and their communities. To help bring balanced education to the Pacific island communities, the indigenous language and culture of the children must be equally important and a primary part of the core of the education system.

In her commentary, Ms. Jones-Lizama raises two questions regarding NCLB and education in the Pacific. To her first, How can we, as service providers to Pacific island communities, help bring this balance to education throughout the Pacific?, I suggest the following.

First, Pacific island education systems must recognize that there is an imbalance in the education process they are providing in their Pacific island communities. They must immediately come to the realization that the status quo of western education in the Pacific has and will continue to have an adverse affect on our Pacific communities. To continue this imbalance will definitely result in the alarming affect of the colonization syndrome. That is, western ways are superior and Pacific island communities, particularly the indigenous languages and cultural practices, are primitive and irrelevant in today’s world. To continue this imbalance in Pacific education will definitely result in the complete loss of the rich linguistic and cultural assets and uniqueness of a society.

Second, Pacific island education systems must step outside their birth communities to compare, contrast, and redefine their indigenous language and culture and, thereby, be better able to set a course to promulgate and perpetuate their assets and uniqueness. After recognizing that the status quo of western education in Pacific island communities is ineffective, the Pacific island education communities must step outside their own environments to appreciate, strengthen, and more fully recognize who they are relative to the Pacific region and the larger world. Stepping outside their birth communities will enable the local education systems to compare, contrast, and redefine the importance of their indigenous language and culture and the critical role they have in education. Stepping outside their birth communities will allow the local education systems to see the options and the possibilities they can attain as other Pacific
entities have done. Stopping outside their birth communities will allow the local education systems to see how to make the paradigm shift in integrating indigenous language and culture and making them primary foundations for learning and teaching today.

Third, involve the entire village or community in designing, planning, and implementing a balanced education system in our Pacific island communities. Traditional indigenous Pacific island education was a village responsibility. Education in traditional Pacific island countries was performed as people lived their daily lives. Pacific island education was not held in cubicles or in rows of desks in a classroom, but out in the island environment—the ocean, the rain forest, the night sky, the indigenous animals—where they learned of the hierarchy of manmade organization and practices called culture. A balanced education in Pacific island communities can only be achieved when the students, parents, administrators, government, churches, and village come together to design, plan, and implement what they believe their children need to learn for today's world and the world of the future. The absence of total involvement of the people of the communities in designing, planning, and implementing a balanced education system for Pacific island students will most definitely continue the status quo—an imbalanced, ineffective, and irrelevant education system geared toward failure and, most tragically, a loss of Pacific island identity.

With regard to Ms. Jones-Lizama's second question raised in her commentary, How do we prepare for and address the resistance that we are sure to meet?, I suggest the following.

First, share and ensure that the resisters fully understand the data of the academic progress of our Pacific island students when compared to other Pacific island education communities and to the Western world in the last decade or so. We can attribute most of the Western education beliefs to past missionaries, the Western patterned education systems we still hold on to, and the Western universities where we received our accredited undergraduate and graduate degrees. There was also the expectation that those of us who have been Westernized can, in turn, save our primitive societies if we educate them in the same manner. As dedicated service providers and educators, we have tried using Western curriculum, programs, testing, and training, yet the results show no significant improvement. It is imperative that we help our own people recognize and understand that the current imbalanced education system many of our communities still implement has not and will not benefit our students. To be balanced, it must embrace and integrate the way our island communities have learned and have passed on knowledge and skills centuries before Western universities were established.

Second, assure the resisters that a more balanced education system based on our indigenous language and culture integrated with responsive Western curriculum are sure to bring positive and effective results for our students and our communities, as in the case of leading Pacific island education communities. Fortunately now, more and more Pacific island education systems emphasize and work closely with their communities to promulgate indigenous language and culture as the basic foundations for learning and teaching. More importantly, they have found that this paradigm shift shows positive and beneficial results for learners and their communities. Share the data showing the effectiveness of the education systems of Singapore, New Zealand, Japan, and Australia's Aborigines, which have taken the lead in making these changes and paradigm shifts. The improved student achievement data of these education systems should help the resisters redefine and describe more succinctly why it is important for them to support the needed changes in our education systems, why it is crucial to integrate, as a basic foundation for our local education systems, the indigenous way our people learned, who we are, what we desire for our children, and how we will meet the challenges of the global world.

Third, be sure that the resisters are invited to participate in the design, planning, and implementation of the new and balanced education system. When people are part of the solution, they generally stop being resistant to the needed changes and feel a part of it. When people are part of the solution, they understand and appreciate the hard work required to make education more beneficial and effective for our communities.