

**NYSABE**

**New York State Association for Bilingual Education**

**PROFESSIONAL STANDARDS FOR BILINGUAL  
EDUCATORS P-12**



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## ***NYSABE's Bilingual Educators Standards Project Document***

This document was researched and written by Dr. Aida A. Nevárez-La Torre, Fordham University, on behalf of NYSABE.

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**Executive Director:** Nancy Villarreal de Adler

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Dr. Ester de Jong (University of South Florida)

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Dr. Kate Menken (Graduate Center, CUNY)

Dr. Francisco Ramos (Loyola Marymount University)

Dr. Yolanda Santiago (Adjunct Professor)

Dr. María Torres-Guzmán (Teachers College, Emeritus)

Dr. Patricia Velasco (Queens College, CUNY)

## **Team of New York State Educators**

Teresa Bachant (New York State United Teachers)

Brandon Beck (Bilingual Teacher)

Iraida Bodré (Bilingual Teacher)

Aileen Colón (NYC RBE-RN)

Cynthia Félix (Bilingual Administrator)

Eva García and Staff of Regional  
Bilingual/Education- Resource  
Network (RBE-RN)

Elizabeth Gostkiewicz (Bilingual Teacher)

Laura Head (Bilingual Teacher)

Thomas Kwai (Bilingual Teacher)

Juliet Luther (Bilingual and ESL Teacher)

Natalie Madison (Bilingual Teacher)

Rebeca Madrigal (Bilingual Teacher)

Suzette Malone (Elementary School Teacher)

José Martínez (Bilingual Teacher)

María Angelica Meyer (Bilingual Administrator)

Melvin Mizhquiri (Bilingual Teacher)

Ana Navaro (Bilingual Teacher)

Evelyn Nuñez (Bilingual Teacher)

Wileydi Peguero (Bilingual Teacher)

Samantha Peralta (Bilingual Teacher)

Karla Ramírez (Bilingual Teacher)

Roman Rivory (Bilingual Teacher)

Takayo Sakai (Bilingual Teacher)

Dr. Claire Sylvan (Executive Director  
of International Networks for Public Schools)

Elina Tarasova (Bilingual Teacher)

Hulda Yau (Bilingual Teacher)

Evelyn Zamora (Bilingual Teacher)

And All Others Who Contributed Anonymously...

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## **PREFACE**

In 2012, Dr. Aida Nevárez-La Torre (Fordham University) and Dr. Patricia Velasco (Queens College, CUNY) submitted a proposal to the New York State Association for Bilingual Education (NYSABE) for the creation of Professional Standards for Bilingual Educators (the Standards) in the State of New York. On May 29, 2012, after a presentation and discussion the Executive Board of NYSABE approved the proposal unanimously. A charge was given to both members of NYSABE to create and develop the standards.

The process of researching and writing the Standards included consultation of contemporary scholarly literature on bilingual education and multilingualism; review of professional standards documents from the National Association for Bilingual Education (1992); TESOL International Organization (2009), American Council on the Teaching of Foreign Languages (2002), and Queensland's College of Teachers in Australia (2007); and examination of bilingual standards crafted and implemented in other states across the nation including California; Louisiana; New Mexico; and Texas. In addition, the document was sent to state and national academicians as well as educators from across New York State for comprehensive review and their comments have been integrated into the final version of the Standards document.

In September of 2015 NYSABE's Board of Directors and Delegate Assembly adopted the Professional Standards for Bilingual Educators. The current document specifies the Standard Areas and Domains; each Standard with Strategic Practices; and Theoretical and Research Rationale for Standards.

## INTRODUCTION

For decades now, different national and international teacher professional organizations have identified criteria that define the essential knowledge of teachers in specific disciplines. Several of these professional organizations, in addition to state education departments and accreditation agencies, have been successful in using these criteria to design and evaluate programs that prepare teachers in higher education institutions (i.e., TESOL; ACTFL; ILA; ACEI; NCTE; NCTM; NSTA; CEC). The criteria have also guided professional development programs for educators designed by school districts. Presented as professional standards, these criteria are designed to answer two critical questions: (a) What is the essential knowledge teachers need to know about educating in a particular field? (b) What are the essential practical skills that teachers must possess to instruct with mastery in a particular field?

Essentially, the standards explain what pre-service and in-service educators in the bilingual education profession should know and be able to do in educational settings. A survey of the relevant literature revealed that such criteria do not exist at the national level or in the State of New York in the field of Bilingual Education. Interestingly, there is an abundance of research about bilingualism, multilingualism, and bilingual/multilingual education, nationally and internationally, that provides a scholarly knowledge base, which frames *bilingual education as a profession* and furthers the *professionalism of bilingual educators* (Baker, 2011; de Jong, 2011; García, 2008; Reyes & Kleyn, 2010). However, a review of the professional standards developed by national professional

organizations in the area of language education (ACTFL, 2002; TESOL, 2009) showed that currently, none specifically addresses educators who teach bilingually in schools with a multilingual student population.

Different from the NYSABE's standards, in 1992, the National Association for Bilingual Education (NABE) published a set of standards "intended to assist institutions of higher education and other educational institutions in the design, implementation, and evaluation of *programs* for the preparation of bilingual/multicultural education teachers" (p. 3). At present, only a few states in the nation have professional standards for bilingual education teachers, including Louisiana, New Mexico, and Texas. These states are affiliates of the National Association for Bilingual Education.

A basic assumption and premise made in this document is that Bilingual educators as professionals possess knowledge that is important and should be validated and counted in education. Yet, in order to be validated, this knowledge needs to be identified, documented, and written. If not, we will perpetuate the lack of professional validation that Alma Flor Ada wrote about three decades ago when she documented that bilingual teachers faced a great deal of criticism:

Bilingual teachers, caught between the accepted practices they are required to follow and the sound theories and research that contradict those practices, are especially vulnerable to attack.... In many instances they themselves have been victims of language oppression and racism; thus, in order to empower their students to overcome conditions of

domination and oppression, they must first be empowered themselves (Ada, 1986, p. 386).

Today the need for professional standards for bilingual educators continues to be urgent in light of the enduring increase in the number of students who are [\*emergent bilinguals\*](#) (García, Kleifgen and Falchi, 2008) in the United States schools (Irizarry, 2011; National Center for Educational Statistics, 2014; National Clearinghouse for English Language Acquisition, 2006). Along with these demographic changes, New York State, among other states, is experiencing an expansion of school programs that use two or more languages as mediums of instruction (Menken & Solorza, 2014). This expansion is triggered by a variety of factors, including economic interdependency of nations around the world, federal government support for dual bilingual education, a constant influx of new immigrant students into our schools, and a desire of middle and upper class parents in certain geographical areas to educate their children bilingually (de Jong, 2011). The strategic [\*advocacy\*](#) done by educators, parents, and community groups working with multilingual learners has also been instrumental in the maintenance and increase of bilingual education programs (Dubetz, 2014; Dubetz & de Jong, 2011; Fishman, 1991; Santiago-Negrón, 2012).

The wealth of investigations conducted on bilingualism and bilingual pedagogy for over fifty years in the US as well as around the globe is an added reason for the publication of this document. Of importance is that professional standards can be instrumental in underscoring research notions on the

educational and cognitive benefits of bilingualism and bilingual pedagogy and in shaping excellence in bilingual education (Bialystok, Craik, & Luk, 2012; Eisenstein Ebsworth, 2009; Genessee et. al., 2006; Goldenberg, 2008; Hakuta, Butler & Witt, 2000; Moore and Zainuddin, 2003; Schweizer, Ware, Fischer, Craik, & Bialystok, 2012). Expressing support for the purposes of this document, one Bilingual teacher in New York, who reviewed it, stated,

It is about time that we have a document that sets the expectations for quality bilingual education....[It] will set the stage for higher education institutions and administrators at all levels as well as for bilingual teachers.

Finally, the ultimate success in educating all students bilingually (García, 2008), resides, in part, in the professional knowledge teachers in bilingual education programs possess. Hence, it is imperative to design professional standards that speak to innovative and multidimensional knowledge and skills that teachers must possess to demonstrate expertise in educating students bilingually. Recent advances in the scholarly research in content knowledge, language, literacy, and technology demand complex shifts of educational paradigms that can inspire multilingual students to be productive in an increasingly multilingual, multicultural, and networked world (Cummins, Brown, & Sayer, 2007; Nevárez-La Torre, 2014; Rodríguez, Carrasquillo, & Lee, 2014). The Professional Standards for Bilingual Educators validates the essential knowledge of bilingual educators and serves to guide their professional preparation and their work with emergent bilingual students. As a living

document, contemporary research on best practices will be used to continually inform its content and purpose.

### ***-Goals of Professional Standards-***

Professional Standards for Bilingual Educators are needed to accentuate the fact that an informed bilingual educator must have specialized knowledge in a variety of academic and pedagogical fields. I use the term *educator* in this document broadly, referring to all professionals who teach emergent bilinguals directly or indirectly, including teachers, teacher assistants, school tutors, librarians, school specialists, and school administrators, as well as, educational community workers and advocates, policy makers, teacher candidates, and teacher educators. This document is relevant, to different degrees and in different ways, to the work that all of them perform in the enactment of quality bilingual education.

Given the increasing professional and accountability demands on educators who work with emergent bilinguals, these Standards can guide professional practice and inform teacher education and professional growth in ways that uniquely respond to the bilingual education field. For these purposes they can be an insightful tool to shape the work of teachers at all levels, as well as that of teacher educators, university and school administrators, and educational policymakers. Designing and enacting Professional Standards offer specific benefits to the profession of bilingual education, including

1. Invigorating the [professionalization](#) (Schulman, 1987) of bilingual education; while at the same time building on the [professionalism](#) (Herbst, 1989) of bilingual educators.
2. Supporting the recognition of the work and contributions that bilingual educators make as professionals (Nieto, 2005).
3. Advancing the specialized knowledge that reflects best practices and research in the field of [multilingualism](#) and bilingual instruction and promotes exemplary teaching (Ada, 1986).
4. Tracing a path for bilingual educators towards professional growth (i.e., adding certification areas; preparing for National Board Certification in bilingual/multilingual education) that is self-inspired, self-led, and self-monitored (Nevárez-La Torre, 2010; Nieto, 2003).
5. Promoting excellence in bilingual education and assuring that educators have an ethical framework and an essential knowledge base (de Jong, 2011).
6. Leading the exploration of ways to advance teacher education and professional development in bilingual education (Perrone, 1989).
7. Providing educational and professional goals for pre-service teachers in their education and supervision, and for in-service teachers in their coaching, mentoring, and professional growth (Staehr Fenner & Kuhlman, 2012).
8. Creating a reference point to positively compare bilingual educators with their colleagues throughout the nation and world (TESOL, 2009).

This document specifies the essential knowledge that educators in bilingual education should possess to achieve professional mastery and

excellence in teaching. There are three interconnected *Standard Areas of Knowledge* organized into seven *Domains*:

I. *Knowledge of Content*

1. Bilingualism and Multilingualism
2. Biculturalism and Multiculturalism
3. Multilingual Oracy and Literacy
4. Content and Language of Academic Disciplines

II. *Knowledge of Pedagogy*

5. Bilingual Assessment and Decision Making
6. Reflective Bilingual Pedagogy

III. *Knowledge of the Profession*

7. Professionalism and Advocacy

Specific *Standards* are organized within each *Domain*. *Strategic Practices* identify essential elements of and behaviors that define consummate practice for each Standard. To anchor each Standard a *Theoretical and Research Rationale* section is included at the end of the document. The synthesis of relevant scholarly findings from contemporary research in bilingualism, multilingualism, and bilingual education provides a conceptual and empirical foundation to the standards. The goal is not to present a broad discussion, but to focus on the main knowledge paradigm shifts in each Standard Area and to discuss the most current research and theories framing each. A summary of *the Standards* is included at the beginning of the document and scholarly *References* with a *Glossary* at the end.

# PROFESSIONAL STANDARDS FOR BILINGUAL EDUCATORS

## ***SUMMARY OF STANDARDS***

### **I. STANDARD AREA: KNOWLEDGE OF CONTENT**

#### **Domain 1. Bilingualism and Multilingualism**

Bilingual Educators know and understand languages as systems that work within social contexts, the process of acquiring and developing languages, and the dynamic ways that languages are used to communicate thought.

##### **Standard 1.a. Linguistic Systems**

Bilingual Educators know and understand that languages can be defined as systems that have specific features, functions, and multiple uses and that these can be compared and contrasted to facilitate understanding.

##### **Standard 1.b. Acquisition and Development of Multiple Languages**

Bilingual Educators know and understand the evolution of theories of language acquisition and development and apply them across different languages. They explore contemporary ways of interpreting language(s) development in a globalized society.

##### **Standard 1.c. Multiple Languages in Use**

Bilingual Educators know, understand, and value the reciprocal use of languages in multilingual settings, including home language experiences, the different influences on language choice for communication and instruction, and the ways to create meaning from the integration of symbols, modalities, and environmental resources.

## **Domain 2. Biculturalism and Multiculturalism**

Bilingual Educators know and understand the effects that [biculturalism](#) and [multiculturalism](#) have on student learning, self-identity, and schooling. They recognize different ways to engage with families and communities and value the [funds of knowledge](#) that reside in contexts outside schools.

### **Standard 2.a. Bicultural and Multicultural Effect on Student Learning**

Bilingual Educators know and understand the complex and multifaceted correlations between languages, cultural practices, and learning. They comprehend the ways learning may be influenced by [ideologies](#) about and attitudes towards languages and cultural practices, and recognize the different factors that impact conditions of local and global migration and [mobility](#) and how these shape the learning process.

### **Standard 2.b. Bicultural and Multicultural Effect on Student Identity**

Bilingual Educators know and understand how multilingual and multicultural students' sense of self is molded by various cultural factors, individual variables, and discourses on [positionality](#) within schools. They investigate the tensions and discontinuities that emerge from navigating various cultures and how cultures and languages function as [social practices](#) where identities are [negotiated](#).

### **Standard 2.c. Bicultural and Multicultural Effect on Schooling**

Bilingual Educators know and understand the interaction of cultural practices between schools and emergent bilingual students. They discern the ways in which types of communication in classrooms, norms for [literacy](#) and language use, policies for language of instruction and choice contour students' ideological construction of their cultural practices and languages. They study the impact of innovative engagement of teachers, families, and communities on schooling.

### **Domain 3. Multilingual Oracy and Literacy**

Bilingual Educators know and understand how oral and written language are at the core of the academic learning process in bilingual classrooms and how the interconnected development of [oracy](#) and literacy happens within and across languages at home and at school.

#### **Standard 3.a. Multilingual Oracy and Communication**

Bilingual Educators know and understand the importance of multilingual [oral language](#) and oracy development for communication and learning, key differences in the way [bilingual](#) and [monolingual](#) students develop and use oral language, and the process students experience in developing oral language proficiency bilingually.

#### **Standard 3.b. Nature of Literacy in more than One Language**

Bilingual Educators know and understand the importance of [multilingual literacy](#) development for thinking and learning and the key differences from reading and writing in only one language. They see literacy as a [translingual](#) practice that transfers knowledge and skills across languages and values the contribution of bilingual students' home literacy experiences to [biliteracy](#) development.

#### **Standard 3.c. Relationship between Multilingual Oracy and Literacy**

Bilingual Educators are aware of and understand the multiple interconnections between oracy and literacy in all the bilingual student [linguistic repertoires](#); how oracy and literacy develop in more than one language across content areas; and ways that bilingual learners use language strategically and make [cross language](#) connections in multilingual oracy and literacy.

## **Domain 4. Content and Language of Academic Disciplines**

Bilingual Educators have depth of academic knowledge, exhibit solid understanding of language and content standards, and demonstrate expertise in making [\*cross-disciplinary\*](#) and [\*cross-linguistic connections\*](#) through multiple [\*academic texts\*](#).

### **Standard 4.a. Content of Academic Disciplines**

Bilingual Educators comprehend and demonstrate knowledge of the concepts, skills, and strategies of content in [\*academic disciplines\*](#), the content standards that structure contemporary knowledge within and across disciplines, and the cross-disciplinary skills necessary for [\*depth of learning\*](#).

### **Standard 4.b. Language Discourse of Academic Disciplines**

Bilingual Educators know and understand the nuances and uniqueness of oral and written [\*discourse\*](#) in content areas, differences in academic text across varied languages and cultures, and ways bilingual learners make cross-linguistic and cross-disciplinary connections among varied content texts.

## **II. STANDARD AREA: KNOWLEDGE OF PEDAGOGY**

### **Domain 5. Bilingual Assessment and Decision Making**

The Bilingual Educator knows and understands the different purposes of assessment, aligns these with multiple valid and reliable methods to assess language and content, and uses the results to inform decision-making and guide instruction of bilingualism, bi-literacy, and academic content. The Bilingual Educator demonstrates expertise in the purposes, methods, language, content, and processes of implementing assessment.

#### **Standard 5.a. Assessment as Educational Policy**

Bilingual Educators know and understand ethical and valid ways of assessing multilingual students' academic and linguistic knowledge and abilities and critically examine the implications of using assessment as [\*educational policy\*](#).

#### **Standard 5.b. Assessing Bilingualism, Biliteracy, and Content**

Bilingual Educators know and understand the [\*formative\*](#) and [\*summative\*](#) purposes of assessment, align these purposes with effective use of valid and reliable methods, apply the results to design instruction of bilingualism, bi-literacy, and academic content, and guide educational decision-making.

#### **Standard 5.c. Monolingual and Bilingual Assessment of Learning**

Bilingual Educators know and understand the implications of using monolingual and bilingual assessments, accommodate and modify assessments for bilingual learners, and interpret the results of such assessments with discernment.

**Domain 6. Reflective Bilingual Pedagogy**

Bilingual Educators know and apply [evidence-based methods](#) to design and enact bilingual instruction across academic disciplines to nurture learning, bilingualism, biliteracy, cross cultural understanding, and critical thought. They assume an introspective and exploratory pedagogical stance and integrate innovative resources to create an active, intellectually demanding, and engaging bilingual learning environment.

**Standard 6.a. Designing Bilingual Instruction**

Bilingual Educators know and understand evidence-based instructional methodologies and use these to design instruction demonstrating knowledge of content disciplines, and cultivate bilingualism and bi-literacy. They create paths to innovate bilingual instruction, make learning tasks culturally relevant, intellectually challenging, and responsive to diverse bilingual students and how they learn.

**Standard 6.b. Enacting Bilingual Instruction**

Bilingual Educators know and implement evidence-based bilingual instructional allocations, models, and methods that support active learning and implement these in a variety of bilingual classrooms assuming an investigative pedagogical stance founded upon a strong understanding of bilingualism, biliteracy, and academic content.

**Standard 6.c. Using and Adapting Innovative Instructional Resources**

Bilingual Educators know and understand ways to select, develop, and differentiate innovative and technological resources to design and implement instruction that scaffolds language and content knowledge, promote creative and critical thought, facilitate active [communication](#) in both languages, and respond to diverse abilities and language proficiencies.

### **III. STANDARD AREA: KNOWLEDGE OF THE PROFESSION**

#### **Domain 7. Professionalism and Advocacy**

Bilingual Educators possess a broad scholarly knowledge base on the history, ideologies, and scholarly discourse that have shaped bilingual education. They use theories and research on bilingualism and bilingual education to grow as professionals and apply them to promote [educational equity](#) and quality in bilingual education.

##### **Standard 7.a. Bilingual Educators as Experts**

Bilingual Educators know and understand the history of bilingual education, the evolution of its laws, policies, and approaches; contemporary scholarly research on bilingual instruction; different theoretical frameworks regarding language diversity; ways ideologies and policies impact bilingual school practices; and processes to be ethical professionals.

##### **Standard 7.b. Bilingual Educators as Researchers**

Bilingual Educators know and understand how to be discerning consumers and producers of research relevant to bilingualism and effective bilingual instruction; and use the knowledge gained to enhance their professional growth and contribute to heightening professional knowledge in this field.

##### **Standard 7.c. Bilingual Educators as Advocates, Activists, and Partners**

Bilingual educators know and understand how to design and sustain professional collaborations with school, families, and the communities they represent and take action to assume the roles of advocate, [activist](#), and partner to bring about educational equity and quality in bilingual education.

# PROFESSIONAL STANDARDS FOR BILINGUAL EDUCATORS with *STRATEGIC PRACTICES*

## I. STANDARD AREA: KNOWLEDGE OF CONTENT

### Domain 1. Bilingualism and Multilingualism

Bilingual Educators know and understand languages as systems that work within social contexts, the process of acquiring and developing languages, and the dynamic ways that languages are used to communicate thought.

#### Standard 1.a. Linguistic Systems

Bilingual Educators know and understand that languages can be defined as systems that have specific features, functions, and multiple uses and that these can be compared and contrasted to facilitate understanding.

**Strategic Practices** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Explore language as a *social construct* and study the performing aspect of language as well as the structural elements of the languages of instruction, including phonology, morphology, syntax, semantics, and pragmatics.
- (b) Interpret the principles and applications of major theories associated with the fields of psycholinguistics, sociolinguistics, and applied linguistics.
- (c) Understand and value the development of *metalinguistic* awareness and the importance of fostering its use to learn language and content.
- (d) Study various linguistic repertoires and discourses used by learners to make sense of what they experience at school, at home, and in their communities.

### **Standard 1.b. Acquisition and Development of Multiple Languages**

Bilingual educators know and understand the evolution of theories of language acquisition and development and apply them across different languages. They explore contemporary ways of interpreting language(s) development in a globalized society.

**Strategic Practices-** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Comprehend the principles and applications of major historical and contemporary research related to acquisition and development of multiple languages, including bilingualism as continua of acquisition, linguistic dual roles and bidirectional impact, brain research, bilingualism and disability, [\*language ecology\*](#), [\*translanguaging\*](#), and [\*metacognition\*](#).
- (b) Explore the principles and applications of sociolinguistic, sociocultural, psychological, cognitive, and political theories; major influential individual and universal factors; and different theoretical models ([\*subtractive\*](#), [\*additive\*](#), [\*recursive\*](#), & [\*dynamic\*](#)) and ideologies ([\*monoglossic\*](#) and [\*heteroglossic\*](#)) that characterize the development of more than one language.
- (c) Investigate cross-language [\*metacognitive skills\*](#) and the interconnections among language modes (receptive, productive; oracy, literacy) within and across languages.
- (d) Study language learning problems associated with disabilities and develop skill in differentiating language learning differences associated with bilingualism from language impairments.

### **Standard 1.c. Multiple Languages in Use**

Bilingual educators know, understand, and value the reciprocal use of languages in multilingual settings, including home language experiences, the different influences on language choice for communication and instruction, and the ways to create meaning from the integration of symbols, modalities, and environmental resources.

**Strategic Practices-** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Demonstrate language proficiency and [competence](#) in the languages of instruction and serve as fluent language models for emergent bilinguals.
- (b) Explore the relationship of language and power, understand the processes of [linguaging](#) and translanguaging, and value the [reciprocal use of languages](#) in multilingual settings.
- (c) Study the way that different communication methods and social, cultural, economic, and historical contexts influence choices on language use and investigate monolingual, multilingual, linguaging, and translingual competence models of bilingualism in different contexts and for different purposes.
- (d) Understand communication as a process of combining language with other symbol systems (i.e., icons, images), diverse modalities of communication (i.e., aural oral, visual, and tactile), and environmental resources (i.e., social and material contexts) to create meaning.

**Domain 2. Biculturalism and Multiculturalism**

Bilingual Educators know and understand the effects that biculturalism and multiculturalism have on student learning, self-identity, and schooling. They recognize different ways to engage with families and communities and value the funds of knowledge that reside in contexts outside schools.

**Standard 2.a. Bicultural and Multicultural Effect on Student Learning**

Bilingual Educators know and understand the complex and multifaceted correlations between languages, cultural practices, and learning. They comprehend the ways learning may be influenced by ideologies about and attitudes towards languages and cultural practices, and recognize the different factors that impact conditions of local and global migration and mobility and how these shape the learning process.

**Strategic Practices** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Understand the cultural, social, economic, historical, and political influences over immigration, migration, and mobility and identify their effects on bilingual students learning.
- (b) Study the impact of [\*globalization\*](#) and technology as well as virtual [\*transnationalism\*](#) on learning.
- (c) Explore how cultural beliefs and values of both teachers and students influence teaching and learning.
- (d) Understand the dynamic interrelationship between languages and cultural practices and its effect on learning.

**Standard 2.b. Bicultural and Multicultural Effect on Student Identity**

Bilingual Educators know and understand how multilingual and multicultural students' sense of self is molded by various cultural factors, individual variables, and discourses on positionality within schools. They investigate the tensions and discontinuities that emerge from navigating various cultures and how cultures and languages function as social practices where identities are negotiated.

**Strategic Practices** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Comprehend the dynamic interrelationship between language, culture, and identity and its effect on learning.
- (b) Understand how cultural factors such as, gender, ethnicity, language, religious beliefs, location, socioeconomic circumstances, and individual needs impact the worldview of students and teachers.
- (b) Investigate the negative impact of linguicism and other forms of bias, prejudice, stereotyping, and discrimination on students, families, communities, teachers, and the school environment.
- (c) Study the socio-emotional development of bilingual/multilingual students; their construction of self as language users and cultural negotiators, and support their right to build their cultural and linguistic identities within multilingual and multicultural schools.

**Standard 2.c. Bicultural and Multicultural Effect on Schooling**

Bilingual Educators know and understand the interaction of cultural practices between schools and bilingual students. They discern the ways in which types of communication in classrooms, norms for literacy and language use, policies for language of instruction and choice contour bilingual students' ideological construction of their cultural practices and languages. They study the impact of innovative engagement of teachers, families, and communities on schooling.

**Strategic Practices** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Understand bilingualism in light of cultural, social, and political constructs within the educational systems of the United States and in a global society.
- (b) Investigate [\*critical multiculturalism\*](#) and [\*anti-racism\*](#) by exploring multiple manifestations of power difference inside and outside schools, and their impact on endorsing specific [\*language policies\*](#) in schools and society.
- (c) Understand different models of family and community, as well as of [\*parental engagement\*](#), the effects of [\*cultural mismatch\*](#), and develop strategies to bridge the cultural practices of the school and that of families and communities by fostering positive and productive relationships and engagement.
- (d) Demonstrate knowledge of and disposition to learn about the cultural practices of bilingual students and engage them in the exploration of their emerging biculturalism as they acquire a new language and set of cultural practices within and outside school.

### **Domain 3. Multilingual Oracy and Literacy**

Bilingual Educators know and understand how oral and written language are at the core of the academic learning process in bilingual classrooms and how the interconnected development of oracy and literacy happens within and across languages at home and at school.

#### **Standard 3.a. Multilingual Oracy and Communication**

Bilingual Educators know and understand the importance of multilingual oral language and oracy development for communication and learning, key differences in the way bilingual and monolingual students develop and use oral language, and the process students experience in developing oral language proficiency bilingually.

**Strategic Practices:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Distinguish between oral language development and oracy in more than one language and differentiate between *simultaneous* and *sequential* oral development in more than one language.
- (b) Understand the role of oral language in learning across languages and of oracy across academic disciplines.
- (c) Differentiate between monolingual and bilingual students' oral language development and use and identify oracy components that facilitate learning in more than one language.
- (d) Understand bilingual oral language development across different age groups in order to address bilingual students' oral language needs in all grade levels and content disciplines.

**Standard 3.b. Nature of Literacy in More than One Language**

Bilingual Educators know and understand the importance of multilingual literacy development for thinking and learning and key differences from reading and writing in only one language. They see literacy as a translingual practice that transfers knowledge and skills across languages and values the contribution of bilingual students' home literacy experiences to biliteracy development.

**Strategic Practices:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Examine the knowledge needed to read and write in more than one language, key differences from [monoliteracy](#), and ways that biliteracy can promote learning in content areas.
- (b) Study the development of reading and writing in each and across languages, the factors that influence these processes, and understand how literacy skills and strategies may be transferred between languages.
- (c) Explore different views of multilingual literacies (e.g., the continua of biliteracy; literacy as translingual practice) and key connections between languages, [scripts](#), and literacies.
- (d) Consider ways that authentic, translated, and culturally relevant texts can build biliteracy proficiency and investigate multilingual literacy across different media, technologies, symbolic systems (icons, emoticons, graphics), and literary genres of bilingual text.

**Standard 3.c. Relationship between Multilingual Oracy and Literacy**

Bilingual Educators are aware of and understand the multiple interconnections between oracy and literacy in all the bilingual student linguistic repertoires; how oracy and literacy develop in more than one language across content areas; and ways that bilingual learners use language strategically and make cross-language and cross-modal connections in multilingual oracy and literacy.

**Strategic Practices:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Explore interconnections between oracy and literacy for learning across languages.
- (b) Compare and contrast the nature and discourses of oracy and literacy across languages.
- (c) Investigate ways that the development of oracy and literacy influence each other across languages.
- (d) Analyze the role of technology as a link between oracy and literacy, as many digital forms span the two.

## **Domain 4. Content and Language of Academic Disciplines**

Bilingual Educators have depth of academic knowledge, exhibit solid understanding of language and content standards, and demonstrate expertise in making cross-disciplinary and cross-linguistic connections through multiple academic texts.

### **Standard 4.a. Content of Academic Disciplines**

Bilingual Educators understand and demonstrate knowledge of the concepts, skills, and strategies of content in academic disciplines, the content standards that structure contemporary knowledge within and across disciplines and the cross-disciplinary skills necessary for depth of learning.

**Strategic Practices:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Develop and demonstrate deep understanding of content concepts, skills, and strategies in academic disciplines.
- (b) Understand how language anchors academic learning and explore the interconnections between language and academic content to promote academic learning.
- (c) Analyze the content standards for the discipline taught and connect them to the domain knowledge of that discipline.
- (d) Examine and value the rationale for making content accessible in more than one language and the challenges bilingual students face when learning content in more than one language.

**Standard 4.b. Language Discourse of Academic Disciplines**

Bilingual Educators know and understand the nuances and uniqueness of oral and written discourse in content areas, differences in academic text across varied languages and cultures, and ways bilingual learners make cross-linguistic and cross-disciplinary connections among varied content texts.

**Strategic Practices:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Explore social and academic discourses across languages and cultures.
- (b) Demonstrate knowledge of narrative schemas and [\*rhetoical structures\*](#) of the languages of instruction across academic disciplines.
- (c) Develop discourse competence by focusing on the organizational features of spoken and written academic texts in different languages and on identifying strategies that bilingual students can use to negotiate the meaning of these texts in different languages.
- (d) Analyze [\*language functions\*](#), and language as an integrative system in the study of academic texts in different languages within bilingual classrooms.

## II. STANDARD AREA: KNOWLEDGE OF PEDAGOGY

### Domain 5. Bilingual Assessment and Decision Making

The Bilingual Educator knows and understands the different purposes of assessment, aligns these with multiple valid and reliable methods to assess language and content, and uses the results to inform decision-making and guide instruction of bilingualism, bi-literacy, and academic content. The Bilingual Educator demonstrates expertise in the purposes, methods, language, content, and processes of implementing assessment.

#### **Standard 5.a. Assessment as Educational Policy**

Bilingual Educators know and understand ethical and valid ways of assessing multilingual students' academic and linguistic knowledge and abilities, align different purposes with types of assessments, and critically examine the implications of using assessment as educational policy.

**Key Notions:** This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Understand the history, theory, and research of assessment and evaluation and use it to inform the ethical assessment of multilingual students' knowledge and abilities, with emphasis in overcoming any linguistic, cultural, and cognitive biases for making sound educational decisions.
- (b) Demonstrate knowledge of different purposes of assessment, including [assessment of learning](#), [assessment for learning](#), [assessment as learning](#), strategically matches these purposes to different types of assessment, and critically considers the implications & consequences of inappropriate use of assessments.
- (c) Analyze the impact of [high stakes assessment](#) on identifying and interpreting the performance of multilingual students; as well as, examine carefully the implications for using testing as educational policy and for designing language policy in bilingual schools.
- (d) Demonstrate knowledge of the effective ways to provide research-based assessment accommodations and modifications for emergent bilingual learners and advocate for their rights when administering standardized assessments.

**Standard 5.b. Assessing Bilingualism, Biliteracy, and Content**

Bilingual Educators know and understand the formative and summative purposes of assessment, aligns these purposes with effective use of valid and reliable methods, applies the results to design instruction of bilingualism, bi-literacy, and academic content and guides educational decision-making.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Explore how to monitor and evaluate emergent bilinguals' bilingualism, identifying strengths and weaknesses in oracy and literacy across languages, as well as, how to differentiate [\*language variations\*](#), associated with dialects and bilingualism, from language learning problems, associated with disabilities.
- (b) Understand the appropriate use of different types of assessments to evaluate proficiency in more than one language and design bilingual assessments tasks to evaluate oral and written proficiency for social and academic purposes, including integrated, project-based performance assessments, which require a defense of work done.
- (c) Assess [\*communicative competence\*](#) in more than one language, using multiple sources of information, across different language modes and academic disciplines, as well as, eliciting relevant information from families regarding language development and language practices at home.
- (d) Collaborate with other professionals, such as certified bilingual speech-language pathologists, to differentiate language variations from language disorders and make informed educational decisions.

### **Standard 5.c. Monolingual and Bilingual Assessment of Learning**

Bilingual Educators know and understand the implications of using monolingual and bilingual assessment. They accommodate and modify assessments for bilingual learners and interpret the results of such assessments with discernment.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Use monolingual and bilingual assessment to design and modify instruction, which include planning for scaffolding, re-teaching, and extended learning activities, as well as, use findings to evaluate learning experiences and make effective and knowledgeable instructional decisions.
- (b) Know how to assess bilingually, how to use different bilingual forms of assessment, and how to document and interpret the results to record deeper learning and identify support services that further address emergent bilinguals learning needs.
- (c) Develop ability to scaffold monolingual assessments to provide opportunities for bilingual students to demonstrate proficiency and learning in each language.
- (d) Explore the benefits of implementing alternative assessment forms such as dynamic assessment, narrative sampling and analysis, biliterate reading and writing trajectories, and bilingual portfolios. Teach bilingual students to use [self-assessment](#) and [peer-assessment](#) techniques and provide them with opportunities to monitor their own learning and others' across languages and academic content and ultimately show independence in their learning.

## **Domain 6. Reflective Bilingual Pedagogy**

Bilingual Educators know and apply evidence-based methods to design and enact bilingual instruction across academic disciplines to nurture learning, bilingualism, biliteracy, cross cultural understanding, and critical thought. They assume an introspective and exploratory pedagogical stance and integrate innovative resources to create an active, intellectually demanding, and engaging bilingual learning environment.

### **Standard 6.a. Designing Bilingual Instruction**

Bilingual Educators know and understand evidence-based instructional methodologies and use these to design instruction demonstrating knowledge of content disciplines and cultivate bilingualism and biliteracy. They create paths to innovate bilingual instruction, make learning tasks culturally relevant, intellectually challenging, and responsive to diverse bilingual students and how they learn.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Plan flexible [differentiated instruction](#) informed by knowledge of academic disciplines, results of previous assessments, curricular goals and academic standards, students' learning and cultural characteristics, and community context.
- (b) Critically reflect on the interweaving of language and content by examining different instructional methods in a continuum of discourses from [assimilationist](#) to [pluralist](#), of pedagogies from [separatist](#) to [integrative](#), and of practices supported by current research on language and content discipline teaching.
- (c) Use relevant information from different academic and community-based resources to design culturally relevant instruction that reflects and engages the funds of knowledge that exists in families and communities.
- (d) Design an innovative and intellectually challenging learning environment which promotes cross language, cross disciplinary, and cross modal (listening, speaking, reading, and writing) connections, and enhances academic metalinguistic awareness.

**Standard 6.b. Enacting Bilingual Instruction**

Bilingual Educators know and implement research-based bilingual instructional allocations, models, and methods that support active learning and implement these in a variety of bilingual classrooms assuming an investigative pedagogical stance founded upon a strong understanding of bilingualism, biliteracy, and academic content.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Use strategically the language of instruction and evidence-based teaching approaches to enhance the development of bilingualism, biliteracy, multiculturalism, and academic achievement.
- (b) Understand and implement developmentally appropriate and differentiated instruction across bilingual classrooms that follow culturally relevant curriculum, enact rigorous standards, and enhance the use of multiple languages in integrative ways.
- (c) Assume a thoughtful and analytical pedagogical stance founded upon a deep understanding of bilingualism, biliteracy, and content disciplines.
- (d) Support the learning needs of sequential and simultaneous bilinguals and implement pedagogy that promotes active and deep learning, engages families and communities in instruction, heightens students' critical thinking, and ultimately builds independence in and ownership of bilingual students' learning process.

**Standard 6.c. Using and Adapting Innovative Instructional Resources**

Bilingual Educators know and understand ways to select, develop, and differentiate innovative and technological resources to design and implement instruction that scaffolds language and content knowledge, promote creative and critical thought, facilitate active communication in both languages, and respond to diverse abilities and language proficiencies.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Select, develop, and differentiate resources that meet bilingual students' prior knowledge, interests, and cultural backgrounds, as well as integrate funds of knowledge that exist in local and global communities.
- (b) Structure and design instructional materials to [\*scaffold languages\*](#), support understanding, and to actively integrate new knowledge as well as creatively consider the new demands on literacy, oracy, and learning imposed by the [\*digital text\*](#).
- (c) Recognize a continuum of differences in bilingual students' abilities and ways of learning, aligning instructional materials to the Universal Design for Learning (UDL) principles.
- (d) Critically examine and integrate digital technologies, new forms of communication (e.g., educational blogs, video platforms), novel symbol systems (i.e., icons, emoticons, and graphics) and modalities (i.e., images, video, and audio) into teaching, assessment, and communicating with diverse families and communities.

### **III. STANDARD AREA: KNOWLEDGE OF THE PROFESSION**

#### **Domain 7. Professionalism and Advocacy**

Bilingual Educators possess a broad scholarly knowledge base on the history, approaches, ideologies, and scholarly discourse that have shaped bilingual education. They use theories and research on bilingualism and bilingual education to grow as professionals and apply them to promote educational equity and quality in bilingual education.

#### **Standard 7.a. Bilingual Educators as Experts**

Bilingual Educators know and understand the history of bilingual education, the evolution of its laws, policies, and approaches; contemporary scholarly research on bilingual instruction; different theoretical frameworks regarding language diversity; ways ideologies and policies impact bilingual school practices; and processes to be ethical professionals.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Investigate the social, cultural, and historical nature of bilingual education in the United States, with a special emphasis on New York State, and examine the evolution of laws and policies that have shape it.
- (b) Interpret the principles and goals of bilingual and multicultural education with respect to a continuum of assimilationist and pluralist ideologies and explore different theoretical frameworks of bilingual education including monoglossic (subtractive; additive) and heteroglossic (recursive; dynamic) views.
- (c) Understand how language ideologies and policies impact academic, social, and professional practices, consider their influence on shaping models and methods of language and content teaching, and professional interactions within and across national and international schools and communities.
- (d) Conduct, as educators, in ethical and professional ways and explore legal implications regarding students' education and protection.

### **Standard 7.b. Bilingual Educators as Researchers**

Bilingual Educators know and understand how to be discerning consumers and producers of research relevant to bilingualism and effective bilingual instruction; and use the knowledge gained to enhance their professional growth and contribute to heightening professional knowledge in this field.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Demonstrate ability to access, read, and interpret educational research to inform practice and support professional learning and self-assessment as educators.
- (b) Commit to introspective and creative practice, professional renewal, and lifelong learning by actively participating in teacher research in collaboration with senior colleagues at the same school, and/or academic researchers.
- (c) Support, participate in, and conduct professional development in all areas related to bilingual education and develop a systematic plan for continuing growth as a professional and take steps to implement it.
- (d) Be insightful observers and describers of language and cultural practices in school and the communities it serves using a perspective that builds inner reflection, dialogue with parents and families, and linguistic and cultural sensitivity.

**Standard 7.c. Bilingual Educators as Advocates, Activists, and Partners**

Bilingual Educators know and understand how to design and sustain professional collaborations with school, families, and the communities they represent and take action to assume the roles of advocate, activist, and partner to bring about educational equity and quality in bilingual education.

**Key Notions** - This standard defines the professional knowledge and competencies of bilingual educators as they:

- (a) Explore theories and research on family and community engagement in schools, design ways to foster positive and productive relationships with these groups, and assume the role of advocate and activist, to ensure that all students have equity of access to high quality bilingual education and a rich and diverse curriculum with high expectations.
- (b) Develop skills in professional collaboration and use them to design and implement learning experiences and curricula that value linguistic and cultural diversity integrated across the content areas.
- (c) Partner with colleagues, professional teams, organizations, and networks to enhance professional learning and self-assessment, as well as, to educate others about the benefits of bilingualism and strengthen the reputation of bilingual education as a profession.
- (d) Support the professional learning of pre-service bilingual teachers by mentoring, coaching, and supervising clinical experiences.

## THEORETICAL AND RESEARCH RATIONALE

The cumulative learning that emerges from historical and contemporary research strongly suggests that bilingual educators must possess broad and deep understanding of content knowledge, reflective pedagogical knowledge, and professional knowledge. This section synthesizes the scholarly works that point to the development of this knowledge base as a requisite for the professionalization of bilingual education, valuing the professionalism of bilingual educators; and creating necessary conditions to achieve bilingualism for all students.

I searched for sources in scholarly educational journals, academic books, and unpublished dissertations, using as criteria scholarly discussions which explore paradigm shifts in: (a) bilingualism and multilingualism, (b) learning and instruction in more than one language, and (c) bilingual and multilingual education. Whereas, many of the publications included in the synthesis were published in the last decade, some are older seminal works in the field. The topics discussed are organized under the Standards' main knowledge areas and domains.

### **I. Knowledge of Content**

#### ***Bilingualism and Multilingualism***

A myriad of national and international studies identify the many benefits of bi/multilingualism, including enhanced social and cultural competency; enriched communicative skills, flexible cognitive capacity, and strengthened mental and thinking abilities (Bhattacharjee, 2012; Cloud, Genesee, & Hamayan, 2009; García, 2006; Marian, Chabal, Bartolotti, Bradley, & Hernández, 2014). Escamilla, et al., (2014), points to the reciprocal nature of languages, which may be discovered and reinforced when students process and communicate across languages, and can signal to high degree of bilingualism and biliteracy.

Language practices among bilinguals and multilinguals are multifaceted and interrelated and are not always simply linear. Bilingual and multilingual education in the 21<sup>st</sup> century is evolving from linear and one-dimensional approaches to innovative models that consider language learning and teaching as multidimensional and dynamic processes. *Bilingualism* and *multilingualism* are concepts that lead us to reflect on the multiple ways we speak and communicate on a daily basis and their significance for our cultural and linguistic identities (de Jong, 2011). Having proficiency in more than one language reveals that learning another language is a complex, dynamic, circular, and continuous developmental process (García, 2009, p. 59).

From a pluralist perspective (Dicker, 2003), language diversity has been both a tool to promote global communication as well as a byproduct of it. To communicate and gain access to global advantages, individuals and groups who migrate or are involved in cultural, social, economic exchanges must expand their linguistic repertoire by integrating new languages and creating new ways to communicate.

As a result of a combination of language contact and the changes that naturally occur in all languages over time, under each language umbrella there is typically a range of language varieties. Interestingly, individuals often have attitudes towards speakers of particular varieties that are socio-linguistically mediated. Eisenstein, 1982, 1983a, 1983b has argued that native speakers and advanced English language learners may develop biases towards New York working class English, African American Vernacular English (AAVE), certain accents and to varieties of Spanish, French, and other languages spoken in the U.S. It is crucial for bilingual teachers to be aware of their own biases as well as those of their communities, and that the variety of languages spoken by students is unrelated to their intelligence, academic promise, or character traits (Eisenstein and Verdi, 1985).

An increasing number of investigations about language, in terms of its structure, use, and function, have uncovered novel explanations that challenge

entrenched beliefs about efficient ways to teach and learn it. Specifically, García (2009) argues for a *linguistic paradigm shift* that offers a new interpretation of *communication* as a process that harnesses all available linguistic repertoires. Canagarajah (2013) expands on this issue by explaining that communication transcends individual languages and words. It is a process of combining language with other “symbol systems (i.e., icons, images), diverse modalities of communication (i.e., aural oral, visual, and tactile), and environmental resources (i.e., social and material contexts)” to create meaning (p. 1).

The fluid use of different linguistic repertoires is not foreign to this recent interpretation of communication. Various codes, dialects, and discourses are part of *linguaging* practices implemented by learners to make sense of what they experience (García, 2009).

Bilingual teachers need to be aware of the relationship between language and power so that they can share this knowledge with their students. Several researchers call for a critical understanding of multilingual awareness which can guide us to analyze how languages are used, reproduced, disseminated, used politically, and hierarchically positioned (Fairclough, 1995, 1999, 2013; García, Kleifgen, & Falchi, 2008; Ivanic & Clark, 1999).

### ***Biculturalism and Multiculturalism***

Bilingual students function in and out of schools in more than one language, while at the same time; they journey through more than one culture. Teachers understanding of the cultures represented in their classrooms and how students negotiate these in their learning process is relevant to expert teaching since “language, is inextricably bound with culture, and cultural factors have an important influence on educational outcomes for all students” (Lessow-Hurley, 2000, p.92). García adds that languages are culturally mediated; that is, language practices are culturally defined (2005).

Students’ cultural and linguistic identity and knowledge informs and shapes their learning (Brisk & Harrington, 2000; Reyes & Kleyn, 2010). Nieto

(2005) comments that effective educators “place a high value on students’ identities (culture, race, language, gender, and experiences, among others) as a foundation for learning” (p. 9).

Students’ perceptions of their linguistic repertoires and of how others view the languages they use to communicate influences their learning process. For instance, Brisk & Harrington (2000) cites studies conducted by Hakuta & D’Andrea (1992) and Jiménez, García, and Pearson (1995) as indicative of students displaying better performance when “they consider that their bilingual abilities help rather than hinder development of their individual languages” (pp. xi-xii).

Connecting learning to students’ lives is seen as an essential attribute of highly qualified teachers (Nieto, 2005). In addition, the learning process of bilingual students is impacted by their awareness and understanding of cultural practices and the funds of knowledge (González & Moll, 2002) that exist in their local community (Lessow-Hurley, 2000; Pérez & Torres-Guzmán, 2001).

Research across a variety of disciplines has uncovered two main cultural movements, globalization and technological innovations, that have significantly influenced education in the early part of the 21<sup>st</sup> century (Cummins, Brown, & Sayers, 2007). *Globalization* is a process that involves the widening, deepening, speeding up of worldwide interconnections in all aspects of contemporary cultural and social life (Dewey, as cited in de Jong, 2011; also see, García, Skutnabb-Kangas, and Torres-Guzmán, 2006; Canagarajah, 2012). These interconnections have brought different regions of the world closer together through events like migration, transnationalism (moving back and forth across geographic borders), advances in telecommunication, and world trade (de Jong, 2011; García, 2009).

*Digital technologies* cultivate new ways to communicate via oral and written language (Mills, 2011) across geographical borders. For instance, virtual transnationalism (Shklovski, 2011) is a technological avenue that enables individuals and groups to remain connected with social networks and developments in their home countries and abroad. These researchers argue that

interactions among and between cultural, ethnic, and linguistic groups in different regions of the world are facilitated through the use of the electronic means (i.e., World Wide Web, texting through smart phones, electronic mail through computer networks, and Voice over Internet Protocols services such as SKYPE and Google Talk). All these are avenues that allow family and friends from similar cultural groups to stay connected and which encourages interactions between individuals from different cultural and linguistic spheres. As a result, technology may assist in maintaining while at the same time expanding the cultural diversity of students.

Bilingual educators should be versed in these new movements and how they can influence an exchange of ideas, knowledge, culture, and products worldwide and feed the international integration of contemporary economies, societies, and cultures (Cummins, Brown, & Sayers, 2007; García, 2009). Thus, educators in the 21<sup>st</sup> century should use a global lens to appreciate and comprehend multilingualism and multiculturalism and their effects on education.

### ***Multilingual Oracy and Literacy***

Traditionally, language arts curriculum in elementary school includes the teaching of listening, speaking, reading and writing and in high school it also covers the study of literature and composition (Chamot, 2009). Whereas the separate instruction of each was emphasized, in recent decades the interaction across components of language arts has been recognized (Genesee, Lindholm-Leary, Saunders, & Christian, 2006). This has led to a slight increase in the research that explores oral and written language development for bilingual learners. This section describes some of the main findings in recent years.

More than a tool for the development of writing and reading (Strickland and Morrow, 1989), oral language has received little but singular attention from researchers (Wright, 2010). The development of oral language skills is critical to function in society, yet more specifically; oracy (Wilkinson, 1977) is currently seen as important to negotiate the oral academic text in schools (Escamilla et al., 2014). These authors explain that oracy academic functions include: talking to

learn; expressing comprehension; and understanding and interpreting academic speech (p. 184). They explain that oracy has three main components: language structures, vocabulary, and dialogue (p. 21).

August and Shanahan (2006) underline the role of oracy in the development of reading and writing in more than one language. Supporting the influence of oracy on literacy in more than one language, Escamilla, et al., (2014, pp. 20-21) identifies the following findings: (a) oracy is connected to writing (Ferreiro, 2002); (b) oral language skills contribute to reading within and across languages; and (c) oracy is important to the development of literacy in emergent bilinguals in biliteracy programs (Pollard-Durodola, Mathes, Vaughn, Cardenas-Hagan, & Linan-Thompson, 2006; Simich-Dudgeon, 1998). Current discussions call for more attention to investigating and instructing oracy in more than one language (Escamilla, 2014; Beeman & Urow, 2014).

An important aspect of oral language proficiency involves the appropriate use of intercultural pragmatics, matching pragmatic strategies and formulas to the speaker's intended meaning (Kasper & Rose, 1999; Kecskes, 2013). Eisenstein & Bodman (1986), Eisenstein Ebsworth & Ebsworth (2000) and Eisenstein Ebsworth & Kodama (2011) have demonstrated that not only do listeners often misunderstand the intentions of non-native speakers; they also make negative judgments about them and the groups they represent. Indeed, intercultural pragmatics is one aspect of communicative competence that is vital for students to be aware of and learn about (Ebsworth & Eisenstein, 1993). It is crucial that bilingual teachers have a strong command of intercultural pragmatics so that they can deal effectively with the contrasting pragmatic norms and values of their learners and help students to acquire this crucial aspect of successful bilingual communication, including the development of interactional skills in achieving intercultural pragmatic competences (Chiang, 2009).

The term literacy acknowledges the dynamic interaction between reading and writing (Strickland and Morrow (1989). Beyond acquiring oracy in more than one language, learners who possess the knowledge and skill to read and write in

more than one language are considered *biliterate* (literacy in two languages) or *multiliterate* (literacy in more than two languages). These constructs are complex in nature and involve multidimensional interrelationships between multilingualism (de Jong, 2011) and literacy in teaching and learning. Although research in the field of literacy in one language (monoliteracy) is prolific, there is a dearth of explorations that focus on reading and writing in two or more languages (Escamilla, et al., 2014).

According to Brisk (2000), multilingual literacy demands that students learn the linguistic and cultural characteristics of the literacy process in each language and develop competence navigating their similarities and differences. Studies on the literacy of bilinguals suggest, “there is a high correlation between native language and second language literacy ability even with languages of dissimilar writing system” (p. xi). She explains that according to studies reviewed by Cummins (1991), reading shows a higher correlation across languages than writing.

Today *biliteracy and multiliteracy* are considered emerging fields in multilingual education (Baker, 2011) that offer provocative alternatives to finite and restricted views about reading and writing. Martin-Jones and Jones (2000) use the term *multilingual literacies* to signify the multiple and varied ways that individuals and groups communicate and signify meaning.

During the past two decades, there has been a gradual evolution in our understanding of the requirements of reading and writing in two or more languages. Dworin (2003) views biliteracy development as a bidirectional process. He argues that learning more than one language is a process mediated by texts written in both languages. That is, the learner uses the linguistic knowledge acquired in both languages to construct meaning when negotiating oral or written text in either or both languages.

The term *multiliteracies* acknowledges that literacy teaching in the 21<sup>st</sup> century should be more responsive to the diversity of cultures and the variety of languages within societies (New London Group, 1996). *New literacies* have emerged

which do not depend solely on print, for instance bilingual digital story telling, online discussions, podcasting, websites, and blogging. These new literacies connect different forms of digital communication with learning to read and write and with using literacy to learn (Castek, Leu, Coiro, Gort, Henry, & Lima, 2007). Dynamic and multidimensional models of the literacy process consider key connections between language and literacy. For instance, Hornberger and Skilton-Sylvester (2000) designed the *continua of biliteracy* framework, which represents this phenomenon in terms of power negotiation (language privileging); contexts (bilingual, monolingual, oral, literate); development (receptive; productive, first language, second language,); content (contextualized, decontextualized); and media (linguistic structures, genres, convergent and divergent scripts).

Canagarajah (2012) contends that literacy should be re-envisioned through a “translingual lens” that focuses on literacy as a negotiation of diverse languages and “semiotic resources (i.e., icons and images) for situated construction of meaning” (2013, p. 1). That is why some researchers argue that in bilingual classrooms teachers must engage multilingual students with visual literacies (e.g., through reading wordless texts, or reading of images) as these also help develop oracy and literacy (Arizpe, Colomer, & Martínez-Roldán, 2014).

According to García, Bartlett, & Kleifgen, 2007, the multiplicity of languages, cultural contexts, social structures, and modes used to communicate should be valued equally. They contend that a *pluriliteracy practices approach* allows learners to determine when, how, and for what purposes they will use their rich linguistic and literacy repertoires in order to construct meaning from written text.

The text being read and discussed orally is also important. Bilingual educators need to show care to incorporate in the instruction of bi/multilingual students quality authentic children's literature, and culturally relevant literature by authors who represent the language and cultural practices of their communities (Ada, 2003). Bilingual teachers should foment a curriculum of talk (Swinney and Velasco, 2011) where academic informational text in more than one language is read and discussed orally across all content areas. Also, important is to

recognize the potential of popular culture texts (written, audio, digital, or visual), grounded on the practices of their communities to support their biliteracy. Engaging children in discussion of these texts support not only their literacy development but also their identities (Martínez-Roldán, 2003; Medina, 2010).

### ***Academic Disciplines and Discourses across Languages***

Bilingual educators' knowledge of academic content and language cannot be understated. Teachers, with an in-depth understanding of content and language knowledge and how the two interact to build conceptual learning, can best guide bilingual learning.

Teachers content knowledge have multiple influences, such as, (a) on engaging students with subject matter (Leung & Park, 2002; Llinares, 2000; Wilkins, 2002); (b) on evaluating and using instructional materials (Lloyd & Wilson, 1998; Manouchehri & Goodman, 2000; Sherin, 2002) and (c) on content students learn (Hill, Rowan, & Ball, 2005). Educators should consider critically classroom discourse in terms of how speech and silence and cultural and linguistic differences reflect issues of power (Cazden, 2001; Goldstein, 2003).

The language used in academic texts influences in the development of the academic linguistic repertoires of bilingual and multilingual learners. Multilingual students require content material that is appropriate to their grade level (Reyes & Kleyn, 2010) and in languages they can comprehend. Bilingual teachers should have skill in examining text discourse, specifically in text organization, syntactic and morphological structure, linguistic functions (Brisk, Kaveh, Scialoia, & Timothy, 2015; García, 2005; Gee, 2012; Palincsar & Schleppegrell, 2014) and language competences needed to navigate text (Brisk & Harrington, 2000; Council of Europe, 2001) written in different languages.

Since bilingual education must incorporate texts written in different scripts, teachers should be aware of the similarities and differences across the scripts used to learn in the bilingual classroom. Scholars argue that bilingual teachers should become familiar with the different scripts and languages so that these

may be integrated strategically into instruction of content, oracy, and literacy. For this purpose, García (2009) provides a helpful categorization of types of scripts and languages based on the work of Coulmas (2003) and Rogers (2005). To assist teachers in contrastive analysis of languages, Shatz & Wilkinson (2013) present charts comparing eight languages to English along 22 language features.

## **II. Knowledge of Pedagogy**

We acknowledge that what bilingual teachers do in the classroom connects to students learning. We envision instruction as a dynamic process that merges assessment, planning, and teaching in reflective and innovative ways. Assessment informs planning and teaching in cyclical and ongoing ways. This section presents current research pointing to contemporary views about bilingual pedagogy.

### ***Assessment and Decision Making***

Educational equity calls for the use of reliable, valid, and fair assessment to effectively inform instruction (Gotlieb, 2006; Lindholm-Leary, 2007; O'Malley & Valdez-Pierce, L. ,1996).). Bilingual Educators should be versed on the multiple types of assessments and in aligning their use to the purpose for which they were designed (Black, 1998; Earl, 2013). Typically there are five purposes for student assessments (i.e., identification and placement; monitoring progress; accountability; reclassification; and program evaluation), which could be achieved through the implementation of multiple classroom-based and large-scale assessments (Earl, 2013; Gotlieb, 2006; Lindholm-Leary, 2007).

Assessment in the bilingual classroom should have a combined focus on documenting language development, conceptual academic learning, and growth in bilingualism, biliteracy, and multiculturalism (Cloud, Genesee, & Hamayan, 2009; Escamilla et. al., 2014; García, 2009; Gotlieb, 2006). It should alter traditional interpretation of assessment as summative measures to incorporate ways that assessment can inform instruction and guide students' metacognitive growth.

Researchers (Black & William, 1998; 2009; Davison & Leung, 2009; Earl, 2013) conceptualize these alternative views of assessment as:

- a) Assessment *of* learning-- teachers' grading and reporting of learning,
- b) Assessment *for* learning—teachers' use assessment to modify teaching and learning activities,
- c) Assessment *as* learning—students' use assessment to construct new learning in bilingual academic contexts

In addition to the teacher's role in designing and implementing assessment, current understandings acknowledge the role of students in monitoring their own learning and creating a personal path for language and academic growth (Butler & Winne, 1995; Clark, 2012; Earl, 2013).

The critical research literature describes assessment and testing as tools to exercise power and control by those in authority; to serve as a gatekeeper; to influence the curriculum, textbooks, and teaching; and to operate as a *de facto* language policy in the United States (Cummins, et al., 2007; Menken, 2008; Rueda, 2005; Shohamy, 2001). Unfortunately, the types of detailed analyses (i.e., analysis of patterns of performance) more useful for instructional purposes are often ignored in statewide testing (Buly & Valencia, 2002; Rueda, 2005). In addition, La Celle-Peterson & Rivera (1994) question the usefulness of current assessments, since their design fails to demonstrate the breadth and depth of knowledge and abilities that emergent bilinguals bring to the learning process.

Historically, most of the assessment conducted in bilingual education has been designed from a monolingual normative perspective (García, 2009) and has been suspect of bias (Valdés & Figueroa, 1994). That is, assessments often ignore students' bilingualism and assess students' abilities and knowledge either in the majority language (Menken, 2008) or in each separate language of instruction (Brisk & Harrington, 2000; García, 2005; Moll & Diaz, 1985; 1987; Rueda, 2005; Short & Fitzsimmons, 2007).

In the past four decades researchers have proposed novel assessment tools designed to trace the linguistic and content knowledge of emergent

bilinguals, using their rich linguistic repertoire and aligning the assessment to accountability demands. Some argue for the creation of local norms so the teachers compare students to their own bilingual peers. See, for instance, publications by Escamilla, et al., 2014; García, 2009; Gotlieb & Nguyen, 2007; Moll & Diaz, 1985; 1987; and Soltero-González, et al., 2010.

Assessing bilingual students should consider both language proficiency and content proficiency (Cloud, Genesee, & Hamayan, 2009; Gottlieb, 2006).

García (2009) identifies the need to:

- a) Include bilinguals as part of the norming sample
- b) Consider the threat of content bias
- c) Use assessment according to the purpose for which it was designed
- d) Develop scoring criteria sensitive to differentiating between content knowledge and abilities and language.

To address the documented shortcomings of testing, emergent bilingual students have traditionally been given test accommodations (Rueda, 2005). However, research clarifies that, a reduction in the performance gap between bilinguals and other students is observed only when linguistic modification of questions is done (Abedi, Lord, & Plummer, 1997; Abedi, 2004; Abedi, Hofstetter, & Lord, 2004). This argument is also supported by Butler & Stevens (1997) when they recommend that for accommodations to work they must be matched to the specific characteristics and needs of students taking the test.

The notion of testing bilingually is a viable alternative in effectively assessing the knowledge and abilities of multilingual students. Studies have identified some weaknesses in relying on test translations as a way to assess bilingual students (August & Hakuta, 1998; García, 2009). Abedi (2004) argues that the language of instruction needs to be the language used for assessment. Therefore, if two languages are used to teach students, these languages should also be used to assess them (Peña & Bedore, 2011).

García, 2009 suggest three ways to assess bilingually:

(1) *Translanguaging mode* – questions are presented in one language and answers in the other language are accepted

(2) *Bilingual tap mode* – instructions and questions are given in the home language and answers are only accepted in the additional language; and

(3) *Performance-based mode* – show knowledge through a project, activity, or demonstration.

Other work provides novel assessment tools designed to trace the linguistic and content knowledge of emergent bilinguals, considering their rich linguistic repertoire and aligning the assessment to accountability demands; see, for instance, Escamilla, et al., 2014; Gotlieb & Nguyen, 2007; Moll & Diaz, 1985; 1987; and Soltero-González, et al., 2010).

### ***Bilingual Instructional Design***

Bilingual instructional design must incorporate evidence-based teaching practices (Francis, Rivera, Lesaux, Keiffer, & Rivera, 2006) that strategically use monolingual and bilingual instruction (Cenoz & Gorter, 2011). In addition, instructional design must be informed by previous multiple assessment, curricular constructivist goals, and language and content standards (Adelman-Reyes & Kleyn, 2010; Díaz-Rico & Weed, 2010; Earl, 2013; Lindholm-Leary, 2007).

The awareness that bilingual teachers have of the pedagogical philosophies and theories of practice they hold is key to informed instructional design and implementation (Adelman-Reyes & Kleyn, 2010; Brisk 1998; Dubetz, 2002, 2012; Geneshi, Dubetz & Foccarino, 1995). The instructional decisions that teachers in bilingual classrooms make are multiple and are always complex including language choice for instruction and interaction, instructional methods and strategies, and assessment. For instance, García (2009) calls attention to how teachers make decisions as to the time allotments given to one language or the other. She reminds us that decisions need to be made about how languages will be used in the classroom and organized in the curriculum (i.e., strict separation; flexible convergent; and flexible multiplicity).

Contemporary scholarly discussions identify some of the ideologies that influence schooling and education today. de Jong(2011) discusses bi/multilingual education with respect assimilationist discourses that emphasize language separation in instruction and pluralist discourses, which in turn favor integrative language practices. Lindholm-Leary (2001) contends that historically, an assimilationist perspective is tied to “compensatory educational models based on linguistic, academic, and socio-cultural deficit model and result in English monolingualism” (p. 20). Mills (2011) asserts, “historically, schools have emphasized teachers as experts, learners as novices, and learning as the reproduction of disciplinary knowledge and decontextualised skills” (p. 2).

In contrast, a *reflective pedagogy* will lead educators to “question mainstream knowledge” (Nieto, 2005, p. 208) that highlights assimilationist views, compensatory monolingual instruction, and decontextualized, skill-oriented practices. A pluralist and intercultural pedagogical orientation (Freeman & Freeman, 2001) incorporates students’ languages and cultural practices into the fabric of the educational process. Educators, who critically reflect on their practice and its context (Nevárez-La Torre, 2010), and the supportive scholarly evidence that support them, will be better equipped to enact multilingualism as the accepted norm. Specifically, they will create ways for multilingualism to enrich the learning experience of students and respond to the “communicative exigencies of an increasing interdependent and technologically enriched world” (García, 2009, p. 55).

An assimilationist and skills-oriented ideology of pedagogy is no longer sustainable in light of a global economy, which requires a new type of workforce and work environments (de Jong, 2011). Therefore, bilingual instructional design requires a pedagogical orientation based on global and integrative perspectives, in addition to one that promotes critical and creative thinking (Cummins, et.al., 2007; Mills, 2011).

### ***Reflective Pedagogy***

Bilingual Educators must assume an introspective, critical, and exploratory perspective to enact insightful and evidence-based instruction (Dresser, 2007; Kandel-Cisco & Padrón, 2008). One example is researchers who argue for a careful analysis of the dialogue that ensues in bilingual classrooms; that is, the types of teacher talk, the types of student talk that is promoted, and the ways teachers react to student responses (Lindholm-Leary, 2001; Moll & Díaz, 1985; Wong-Fillmore, 1985). The range of alternatives for providing offering feedback to Emergent Bilingual learners must also be considered carefully (Eisenstein Ebsworth, 2014).

Investigations by Lindholm-Leary, 2001, reveal the types of classroom talk that dominates multilingual classrooms are factual questions and interactions of low linguistic and cognitive complexity (Lapkin et al., 1990; Ramírez et al., 1991; Tarone & Swain, 1995). Bilingual educators should explore how the discourse patterns of teachers and students mutually shape learning and how these patterns can be transformed to enhance higher levels of language, academic, and cognitive development (Lindholm-Leary, 2001). In this sense, the breadth of linguistic repertoires used by students and the teachers, and the role of silence in classroom dialogue (Goldstein, 2003), are key to understanding how thought and learning are enhanced through classroom talk across languages

In recent decades different scholars have offered provocative discussions on enacting pedagogy that focuses on the needs and realities of bilingual education. Challenging traditional practices, they have uncovered research findings that provide novel understanding of bilingual pedagogy. First, some researchers conclude that if we agree that the education for all students should be grounded on their strengths, that is, what they know and are able to do (de Jong, 2011), then, instruction should encompass forms of *fluid language use* that serve to create meaning in organized ways. Consequently, they advocate for an educational approach that involves bilingualism and multilingualism not purely as linguistic events, but as observable communicative practices across languages (García & Flores, 2013). Today educators are encouraged

to embrace the authentic, intricate, flexible, and valuable *linguaging* practices emergent bilinguals use and to mirror these practices in the classroom (Creese & Blackledge, 2011; García, 2009). Researchers also point out that by promoting this type of instructional transformation; educators support the integration of social and academic linguaging practices in the classroom (Canagarajah, 2013).

Second, rather than favor the separation of languages as the only accepted practice in bilingual teaching, scholars propose that languages in authentic multilingual settings are *mixed* (code mixing), *switched* (code switching), *shifted* (code shifting) and *meshed* (code meshing) by teachers and learners so that they may use all the available linguistic capital they have to create and convey meaning (Canagarajah, 2013; de Jong, 2011; Makoni & Pennycook, 2007; Maurais & Morris, 2003). Instruction should facilitate students' understanding of the reciprocal nature of languages, fomenting flexible pedagogical practices that build learners' language competence, as well as diminishing the strict separation of languages (Creese & Blackledge, 2010; Gajo, 2007; Wei & Wu, 2009).

*Translanguaging* (García, 2009) and *translingualism* (Canagarajah, 2012), which are constructs centered on an integrative and simultaneous view of language learning, should be adopted as guiding principles of instruction and policy in multilingual classrooms and schools. Creese & Blackledge (2010) chronicle classrooms in Europe where learning is done in multiple languages; teachers discuss the subject matter in one language and students write about it in another. Celic (2012) suggests using other strategies to teach translingually, such as, implementing multilingual read alouds, multilingual word walls, multilingual writing references, multilingual graphic organizers, multilingual books, the use of technology such as Google Translate to transition between languages, and reading thematically in multiple languages.

Third, innovations in information and communication technologies encourage bilingual educators to reassess instruction in two or more languages (Castek, Leu, Coiro, Gort, Henry, & Lima, 2007; Daniel & Cowan, 2012). However, mastering the teaching of language and literacy and infusing

technology into instruction, alone, is not sufficient to meet the educational, communication, and work demands of the 21<sup>st</sup> century. More importantly, educators are being invited to generate meaningful paths for using language, literacy, and new technologies as *mindtools* (Jonassen, as cited in Cummins, et, al., 2007). Indeed, the possibilities of the digital age and the use of technology may allow educators to specifically address the particular cognitive and educational challenges of bilingual learners (Eisenstein Ebsworth & McDonell, 2013).

It is evident then, that to confront educational and social challenges and transform them into possibilities bilingual educators must embrace reflective pedagogy built on contemporary knowledge and critical capabilities. Researchers today contend that renovating language education in this manner requires the resourceful integration of linguistic, literate, and technological competencies (Cummins, et, al., 2007; Farrell, 2007; Mills, 2011; Nevárez-La Torre, 2010; Nunan & Lam, 1998).

Bilingual instruction should focus on practices that apply strategically different linguistic designs. For instance, according to García (2009), instructional decisions regarding the language used to transact with text and the language of the text do not need to be limited and rigidly implemented. She offers multiple configurations for language use that can potentially enrich instructional practices in the bilingual classroom. Language transactions with text in a biliteracy class include:

- (a) *convergent monoliterate* – uses the two languages in communication to transact with a text written in one language, usually the dominant one;
- (b) *convergent biliterate model* - uses the two languages in communication to transact with a text written in each of the two languages, but with minority literacy practices calqued on majority literacy practices;
- (c) *separation biliterate* – uses one language or the other to transact with a text written in one language or the other according to their own sociocultural and discourse norms; and

(d) *flexible multiple* - uses the two languages in communication to transact with texts written in both languages and in other media according to a bilingual flexible norm, capable of both integration and separation (p. 343).

Regarding biliteracy development, we understand that teachers may instruct using a sequential or simultaneous model of sequencing language (García, 2009). More recently, Beeman & Urow (2013) and Escamilla et al., (2014) describe models of biliteracy instruction built on studies that point to the benefits of a simultaneous instruction. These researchers suggest practices to develop cross-language metacognitive skills such as: language bridging, meaningful use of translation, cognate instruction, examining language structures across languages, and promoting cross language connections.

Special instructional attention must be given to a particular group of Emergent Bilinguals who arrive in the U.S. with limited or interrupted formal education – Students with Limited or Interrupted Formal Education (SLIFE). These students need a special scaffolded approach to help them navigate the academic culture, as well as acquire the language and content to meet standards for proficiency, knowledge, and achievement. They must also become familiar with local assessment procedures so they can demonstrate their knowledge successfully (DeCapua and Marshall, 2011; DeCapua, Smathers and Tang, 2009). The *Culturally Responsive Teaching* approach and the *Mutually Adaptive Learning Paradigm* are specifically designed to help teachers address the needs of these learners by allowing students to demonstrate the knowledge they bring and showing sensitivity to their community cultural norms and values (Marshall and DeCapua, 2013).

### ***Resources and Innovations***

While authentic texts in different languages should be included in the curriculum across disciplines and grade levels, we must also adapt the ways we use them for instruction. Cummins, Brown, and Sayers (2007) offer that in addition to asking students to read or write text in different languages to learn

content and develop vocabulary and fluency, educators should use text as tools to develop critical thinking (i.e., by evaluating the content and quality of translation). Escamilla et al., (2014) also point out that bilingual texts may be used to develop skills in making cross-language connections, fostering the development of metalinguistic awareness and the use of metalanguage.

Effective programs integrate technology into curriculum and instruction (Berman et al., 1995; Castellano, Stringfield, & Stone, 2002) in both languages. Information and Communication Technologies (ICT) offer new resources for teaching and learning, as well as more opportunities for individuals to self-guide their education (Cummins, Brown, and Sayers, 2007). New resources are also available for meshing languages with other symbol systems (i.e., icons, emoticons, and graphics) and modalities (i.e., images, video, and audio) on the same “page” (Canagarajah, 2012).

However, Cummins and colleagues (2007) question how schools today integrate technology into the teaching and learning processes. More than simply teaching how to use technology or to learn facts in isolation and transmitting knowledge, bilingual education must adopt current technologies as tools for critical analysis and transformation. In particular, bilingual educators should take action in challenging the digital divide and resourceful to provide access to web-based resources for families and their children.

Moreover, taking into account the multiplicity of languages and languaging practices of classrooms, educators should be inspired to consider “the increasing range of text forms associated with information and multimedia technologies” (Mills, 2011, p. xiii). In addition to integrating the use of bilingual texts, current social practices rely on multiliteracy by combining language, literacy, and technology, and could easily be tapped in bilingual classrooms. The variety of technological skills needed to be taught in bilingual classrooms include “reading books [in print and electronically], resisting advertisements, using machines (scanners, printers, voicemail), interpreting public transport information, writing memos, following directories and maps, conducting internet transactions...SMS

messaging, word processing....internet relay chatting, internet navigation, critiquing websites, digital photography, slide-show presentations, computer programming, website design....using spreadsheets and databases,” among others (p. 3).

Innovation in bilingual education is an opportunity to harness the variety of languages, cultures, and abilities in today’s inclusive classrooms. This comprehensive approach calls for designing and implementing instruction with novel resources, led by a critical analysis of language and content standards, as well as the Universal Design for Learning principles (UDL). Gargiulo & Metcalf (2012) highlight essential connections between bilingual instruction and the use of UDL principles, which benefit emergent bilinguals’ learning processes. This type of design "allows learning goals to be attainable by individuals with wide differences in their abilities to see, hear, speak, move, read, write, understand English, attend, organize, engage, and remember" (Orkwis, 1999, p. 1).

Bilingual books of many genres and a variety of types of materials (e.g., visual, audiovisual, art) are required to meet the goals of bilingualism and biliteracy (Montecel & Cortez, 2002). While authentic texts in different languages should be included in the curriculum across disciplines and grade levels, we must also adapt the ways we use them for instruction. Cummins, Brown, and Sayers (2007) offer that in addition to asking students to read or write text in different languages to learn content and develop vocabulary and fluency, educators should use text as tools to develop critical thinking (i.e., by evaluating the content and quality of translation). Escamilla et al., (2014) also point out that bilingual texts may be used to develop skills in making cross-language connections, fostering the development of metalinguistic awareness and the use of metalanguage.

### III. Knowledge of the Profession

#### *Professionalism as Advocacy and Activism in Bilingual Education*

Discussions about bilingual education in the United States often revolve around issues of politics, ethnicity, and immigrant rights (Baker, 2011; Crawford, 2004; Cummins, 2000), rather than focus on language, the benefits of cross cultural understanding and cross-linguistic communication, and globalization (Reyes & Kleyn, 2010). Given this trend, Nieto concludes that teaching, for many of the teachers she worked with, is a “vocation in the service of social justice” (2005, p. 213). Teachers as professionals should then see activism and advocacy as tools for transforming unproductive practices and policies in education. By assuming these roles educators create spaces where pluralists discourses may be activated to alter assimilationist and monolingual approaches to education (de Jong, 2011).

Advocacy and activism have complementary characteristics. Specifically, they both refer to the act of supporting a cause (Merriam-Webster Learners’ Dictionary, 2016). Each task requires collaboration with all who are invested in multilingual education including parents, students, teachers, community leaders, government officials, and members of the media (Fishman, 1991; Hamayan & Freeman, 2006; Reyes & Kleyn, 2010) and the need to take action at all policy levels (de Jong, 2011).

Interestingly, some differences between these constructs are also evident in the scholarly literature. For instance, while advocacy may be done by individuals on behalf of others, activism can be done by groups working together and focuses on integrating the voices of those being advocated for, in the activism work. In other words, advocacy work evolves into activism when, rather than speaking for others, those in need of advocacy speak for themselves as one voice (Santiago-Negrón, 20012).

Still others in the literature attribute characteristics of both to the work of advocates. Specifically, Dubetz & de Jong (2011) summarized advocacy approaches by highlighting that, “definitions of advocacy emphasize acting on

behalf of others and encompass individual and collective efforts to shape public policy in ways that ensure that individuals are treated equitably and have access to needed resources” (p. 251).

The activism of teachers and students in multilingual schools should lead them to question assumptions, recognize oppressive attitudes and behaviors, identify and challenge educational inequities, and build discourses of possibilities in the teaching and learning process. Santiago-Negrón (2012) also proposes a type of activism where teachers, students, and the community work in accord to “create situations that allow the community to speak together loudly and allow the community to be understood regardless of the language spoken” (p. 239).

Contested educational settings characterize the work environment for bilingual educators. In the United States it is common to witness bilingual instruction surrounded by controversy, incongruities, and uncertainties and bilingual instructional practices not being endorsed by administrators, policy makers, and the general public (Nevárez-La Torre, 2010; Parra, Combs, Fletcher, & Evans, 2015). In many instances, these oppressive conditions cannot be avoided, but are a daily reality in the work environment of bilingual educators (Freeman and Freeman, 2001; Menken, 2008; Menken & Solorza, 2014; Reyes & Halcón, 2001). Dubetz (2014) argues that confronted with this reality, educators must advocate for their right to teach bilingually and for the right of students to receive an instruction that uses and enhances all their linguistic repertoires.

Reyes & Kleyn (2010) propose that as advocates for education equity, bilingual educators must recognize the benefits that bilingual education offers “for enhanced communication, advantages in the job market, cognitive and academic benefits, stronger connection with family and community, and positive identity construction” (p. 143). They require that bilingual educators interpret teaching and learning in more than one language through a social justice lens to recognize oppressive and marginalizing influences on this form of education, and to create opportunities to uncover, challenge, and eradicate them.

Acts of advocacy and activism should be designed to address inequality inside as well as outside classrooms walls and school buildings. With this in mind, Chubbuck (2010) developed a continuum of advocacy activities for the socially just educator. At one end are “private, individual acts of mercy or service to meet the needs of each individual child” and on the other end are “public acts of advocacy and reform to address inequitable structures and policies” (p. 207).

Agreeing with this perspective, Dubetz (2014, p. 19) concludes that:

- 1) Advocacy for bilinguals learners begins in the classroom;
- 2) Advocacy knowledge and skills can be learned;
- 3) Effective advocacy for emergent bilingual learners and bilingual programs requires action beyond the classroom; and
- 4) Teacher advocacy must be understood as a political act.

Dubetz and de Jong (2011) conducted a critical research synthesis, which confirmed a variety of spaces where this work can be done. They found that advocacy in the classroom might entail teaching in ways that affirm students’ linguistic and cultural identities, facilitating critical explorations of issues of discrimination, equality, and social justice, serving as linguistic and cultural role models, and explicitly teaching strategies to negotiate the norms of mainstream society without losing native cultural and linguistic identities (p. 251-254).

Outside the classroom their critical synthesis showed how teachers worked with families in helping them navigate bureaucratic systems to gain access to financial and social services, and communicating the benefits of bilingual education. In working with colleagues, teacher advocates also served as mentors, offering expertise in developing coherent bilingual programs, and in serving as resources for mainstream colleagues and administrators (p. 254-255).

Other examples of ways that educators can enact advocacy and activism roles as part of their professional lives are suggested in Krashen (2006). He invites teachers and administrators to participate by informing others within and outside schools about the evidence supporting bilingual education and effective instructional practices. In his view educators should:

- (1) *Become informed* by reading professional literature;
- (2) *Share with allies*, which results in a rapid diffusion of ideas;
- (3) *Express their own point of view, based on their experience and expertise* so that others may hear from those who have been in the classroom through listserv posts, letters to the editors, op-eds, blogs, articles in professional journals, general-interest magazines, and newsletters (228-229).

Reyes & Kleyn (2010) adapt an advocacy model – Heuristic for Advocacy Among English Language Professionals (Mallet, 2009) -- to guide the advocacy efforts of bilingual educators. They summarize the five non-sequential stages as:

- (1) Inquiry: Recognizing a problem that is negatively affecting ELLs and or ELP's at the local, state, and/or national level;
- (2) Consciousness: Gathering information related to the recognized problem that is negatively affecting ELLs and/or ELPs at the local, state, and/or national level;
- (3) Critique: Addressing the recognized problem that is negatively affecting ELLs and/or ELPs at the local, state, and/or national level;
- (4) Vision: Constructing a plan to ameliorate the recognized problem that is negatively affecting ELLs and/or ELPs at the local, state, and/or national level; and
- (5) Action: Communicating with decision makers a specific plan designed to address the recognized problem that is negatively affecting ELLs and/or ELPs at the local, state, and/or national level (pp. 155-156).

Finally, de Jong (2011) calls into question the usefulness of engaging with dominant discourses (i.e., bilingual vs. English-only education debate) without a detailed examination of the impact of English-only practices on key long-term achievement indicators (i.e., drop-out rates, high school graduation rates, college attendance, and unemployment). Alternatively, she suggests an additional advocacy strategy to transform assimilationist ideologies. Advocacy and activism efforts, for her, should be designed to articulate a multilingual discourse framed

by four principles for language policy in education. According to this researcher, the following principles can serve well to scrutinize policies and practices in ways that advance a multilingual agenda taking a holistic and context-sensitive approach:

(a) *Principle of Educational Equity* – educators respond to inequities by making them visible through critical inquiry, and by looking for systemic solutions rather than blaming students and their families

(b) *Principle of Affirming Identities* – educators validate diverse cultural experiences in their school policies and classroom practices, and create spaces for diverse voices in the curriculum

(c) *Principle of Promoting Additive Bi/Multilingualism* – educators make languages, in addition to the standard language of the school, visible, using them as resources for teaching and learning, and validate functional hybrid language practices as the norm in multilingual environments

(d) *Principle of Structuring for Integration* – educators work to transform mainstream programs and classrooms into integrated, heterogeneous learning environments in which multilingualism, multiculturalism, and equal access for linguistically and culturally diverse populations are the norm (pp. 245-250).

### ***Research as Professional Development***

The idea of teacher research as a professional development tool has provoked stimulating discussions in the scholarly literature. For instance, Fueyo & Neves (1995) propose that as professionals teachers should do research in their own classrooms. Fueyo & Koorland (1997) cite the work of Henson, 1996, when they state “Participation in research is a direct route to increased expertise and is a way for teachers to improve their self-confidence as professionals” (p. 341).

Effective professional development in contemporary education is characterized by teacher-guided, ongoing enhancement of instructional knowledge and skills, with intentional questioning of policies and ideologies that

guide practice (Caro-Bruce, Flessner, Klehr, Zeichner, 2007; Dresser, 2007; Kandel-Cisco & Padrón, 2008; Lindholm-Leary, 2007). The process of enacting teacher research can achieve these features about best ways to design professional development for teachers.

For instance, according to studies done on classroom-based inquiry, teachers who pursue critical reflection and inquiry projects in their multilingual schools and classrooms are equipped to create new knowledge about teaching and learning (Christian & Genesee, 2001). They, in turn, share this information to clarify misconceptions, change entrenched practices, and eradicate unhelpful and misguided instructional and language policies (Nevárez-La Torre, 2010).

Also, Fueyo and Koorland (1997), argue that teachers as researchers can analyze their plans and actions; ask questions and systematically find answers; question instructional practices and student outcomes; and they implement change (p. 337). Educators can transform language teaching by creatively exploring practice in classrooms and schools. These investigations should be collaborative efforts with practitioners from different educational settings. Together, language educators can document and examine the process of integrating multilingualism, multiliteracy, and technology to enhance communication across languages, and build critical thinking capacities of students.

Nevárez-La Torre (2010) proposed the *Teacher Inquiry Model* that can guide educators to use inquiry as a tool for professional growth. The three main components of the model invite educators to

(a) *Engage in a process of introspection* – self-discovery by reflecting on personal school experience, previous teacher education, philosophical beliefs about teaching and learning, and knowledge about multilingualism;

(b) *See Inquiry as a Process* – appreciate the development of teachers' voices, critical analysis of different educational contexts, reflective and insightful collaboration, and cultivation of creative problem solving and theorizing; and

(c) *Transform* – challenge any obstacles for growth in teaching and learning and provide productive and novel alternatives to improve practice, sustain meaningful professional renovation, and actualize pluralist perspectives in educating all students (pp. 25-33; 137-148).

## Glossary of Terms

(Explanations were taken from different scholarly sources included in the references.)

**Academic Disciplines** - Areas of knowledge that form the foundation of school curriculum and specific content areas.

**Academic Text** – Written and oral material that follows a specific organization and structure related to areas of academic study. It has specific features including being complex, formal, precise, objective, explicit, and accurate.

**Activists** – Individuals and groups who work to bring about change. The work involves activists and those for which the activism is being conducted.

**Additive Model** – Framework that focuses on a bilingual acquisition context in which learning an additional language does not imply the replacement of the first language but is added onto first language repertoires. The two languages are maintained in separate and compartmentalized ways.

**Advocacy** – Work done by individuals and groups supporting a cause on behalf of others. It refers to any organized efforts and actions to create a just, decent society.

**Anti-racism** – Any activity that is conducted to oppose racism and oppression based on race.

**Assessment as Learning** – When learners self-monitor and self-correct their own work and the work of other students in the classroom. Its purpose is to develop and enhance students' metacognitive skills and their ability to take ownership of their own learning.

**Assessment for Learning** – Formative and diagnostic assessment conducted by teachers; a powerful learning tool that teachers can use to enhance student learning and achievement. The process of seeking and interpreting evidence for use by learners and their teachers to decide where the learners are in their learning, where they need to go and how best to get there.

**Assessment of Learning** – Summative assessment conducted by teachers; measuring learning and using it for grading and categorizing students as well as for reporting achievement results.

**Assimilationist Discourses** – Ways of thinking and talking about the world that view linguistic and cultural diversity as a hindrance to sociocultural, economic, and political development.

**Biculturalism** – The combination of two cultures by individuals or societies, which may impact language use, value systems, identity, and cultural behaviors.

**Bilingual** – Knowledge of and use of two languages to communicate. Competence in two languages developed by individual speakers along a continuum that includes variations in proficiency in expressive (speaking and writing) and receptive (listening and reading) language; differences in proficiency between the two languages according to the functions and purpose of use of each language; and changes in proficiency of each language over time.

**Biliteracy** – The ability to read and write with high levels of proficiency in two languages through the appropriate and effective use of grammatical, syntactic, graphophonic, semantic, and pragmatic systems of the two languages. It involves using a reservoir of bilingual competencies, strategies, and knowledge in interaction and collaboration with others to comprehend and produce text.

**Communication** – Conveying ideas, thoughts, feelings, and information in mutually understood ways.

**Communicative Competence** – Knowing a language and using it to communicate effectively and meaningfully. Language is used appropriately according to context.

**Competence** - It is what a speaker can do under the best conditions; it represents an idealized underlying best ability. Performance seldom matches competence.

**Critical Multiculturalism** – Pedagogy that examines the interrelationship of culture, race, ethnicity, identity, and power, it studies oppressive forces in education and exposes ways to bring about educational and social change that improves the economic and social conditions of diverse students and society in general.

**Cross-disciplinary** – It involves two or more areas of knowledge and fields of study; transferring knowledge or making associations across different areas of knowledge.

**Cross-language** – It involves two or more languages; the two-way transfer of knowledge. Connections are made across different languages.

**Cross-linguistic Connections** – Connections that associate what is learned in one language and apply it to a new situation in the other language. The process uses one language to analyze and understand an additional language. These connections are bidirectional and enable students to develop metacognitive abilities and knowledge about their two languages and how they are the same and different.

**Cultural Mismatch** – When the culture of the school contrasts the culture of the students' home and community; it is a factor that influences the academic achievement of linguistically and culturally diverse students.

**Depth of Learning** – Pedagogy that promotes profound learning in great detail, deep thinking, and interdisciplinary connections.

**Digital Text** – Any document that is presented and used in digital form; an electronic version of text.

**Differentiated Instruction** - Pedagogy that offers different students diverse ways to learn; tailoring instruction to meet the individual learning needs of students.

**Discourse** – Written or spoken extended expression of ideas and thought; normally longer than sentences; it follows specific structure and function. Ways of talking and writing within a context, which frames the text created. It is a form of social practice that occurs in connected speech and written text with those who participate in the event.

**Dynamic Model** – A framework of bilingual education that allows and promotes the simultaneous coexistence of different languages in communication, the development and flexible use of multiple linguistic repertoires and identities, and contexts that value efficiency, equity, and integration.

**Educational Equity** – Equity in education means that personal or social circumstances such as gender, ethnic origin or family background, are not obstacles to achieving educational potential. It promotes the notion that education fairly represents the diversity in schools and do not discriminate systematically against certain groups of students.

**Educational Policy** - The collection of laws and rules that govern the operation of education systems. It involves laws, legislative statues, regulations, and bureaucratic practices design to shape educational practices.

**Emergent Bilinguals** – Learners, ages three and above, whom speak a native language and are adding another language to their linguistic repertoires. It refers to learners who are in a dynamic process of developing bilingual and biliterate competencies with the support of their communities. This label draws attention to the importance of educational programs to support the continued attainment of high levels of proficiency in both languages.

**Evidence-based Methods** – Instructional methods and strategies derived from or informed by objective evidence, such as educational research, and findings from scholarly synthesis of studies on instruction.

**Formative Purpose of Assessment** – This purpose focuses on using assessment data to provide immediate feedback to students, to determine what and how students are processing the information they are being taught, and inform instruction to build on students strengths and address their needs.

**Funds of Knowledge** - Essential cultural practices and bodies of knowledge that are embedded in the daily practices and routines of families and that are essential for household or individual functioning and well-being. They include the learner’s knowledge and skills developed in their homes and the community and language and the ways of conveying meaning.

**Globalization** - The process in which people, ideas, and goods spread throughout the world, spurring more interaction and integration between the world's cultures, governments and economies. It is the worldwide movement toward economic, financial, trade, and communications integration and interconnectedness.

**Heteroglossic Ideology** – Views that accept multiple coexisting language norms, which characterize bilingual speech including translanguaging. Multilingualism is recognized and valued along a continuum of proficiencies, functions, interrelationships, and languaging capabilities.

**High Stakes Assessment** - any test used to make important decisions about students, educators, schools, or districts, most commonly for the purpose of accountability. Tests used for this purpose have important consequences for the test taker, teachers, schools, and school districts.

**Ideologies** - A set of opinions or beliefs of a group or an individual. It also refers to a set of political beliefs or a set of ideas that characterize a particular culture. With respect to language ideologies it refers to views on what is acceptable and not acceptable about language, language acquisition, and language use. They may influence which policies and practices are considered appropriate and legitimate and which are valued within a particular context.

**Integrative Pedagogy** - Instructional practices based on the multiple bidirectional and flexible relationships between languages used by bilingual learners. The interaction among languages is seen as strategic and as responding to functional needs.

**Language Competence** - It is the system of linguistic knowledge possessed by native speakers of a language. It is distinguished from linguistic performance, which is the way a language system is used in communication.

**Language Ecology** – The study of interactions between any given language and its environment; it examines languages in relation to one another and to various social factors. It refers to the study of language within the context of linguistic and cultural diversity in relation to economic, political, sociohistorical, and sociocultural systems.

**Language Functions** - The way in which language is used to communicate a message. The different formal and informal purposes that guide the ways we use language to communicate. There are specific grammatical structures and vocabulary used with specific language functions.

**Language Policy** – Formal and informal decisions about language use; includes laws, regulations, and statutes, as well as practices.

**Language Variations** – Different ways people speak using the same language; linguistic aspects that may vary include pronunciation (accent), word choice (lexicon), or morphology and syntax (sometimes called "grammar"). Some factors that may influence differences include regional, social, or contextual.

**Languaging** – Social practices that we perform including academic language, code-switching, dialects, creoles, and pidgins. It refers to the multiple and flexible ways language is used to communicate meaning.

**Linguicism** – Discrimination based on a person's language and language use.

**Linguistic Repertoires** – The set of language varieties used in the speaking and writing practices of a speech community and of individuals.

**Literacy** – The process of reading and writing in an academic context.

**Metacognition** - Awareness and understanding of one's own thought processes. It requires critical awareness of one's thinking and learning and of oneself as a thinker and learner.

**Metacognitive Skills** – Ways to assist learners to understand the learning process, how they learn, and their learning strengths and needs.

**Metalinguistic/Metalanguage** – Related to the awareness and control of linguistic components of language. It refers to thinking and talking about language as well as understanding the relationships between and within languages. Its development includes the ability to identify, analyze, and manipulate language forms and to analyze sounds, symbols, grammar, vocabulary, and language structures between and within languages.

**Mobility** – Related to opportunities to move between different levels in society or employment.

**Monoglossic Ideology** – Views that focus on developing proficiency in two languages according to monolingual norms for both languages, or proficiency in the dominant language according to monolingual norms. It assumes that the only legitimate linguistic practices are those that are enacted by monolinguals.

**Monolingual** – Able to communicate orally and in writing in only one language.

**Monoliteracy** – Able to read and write in only one language.

**Multiculturalism** - The view that the various cultures in a society merit equal respect and scholarly interest. It also refers to the co-existence of diverse cultures, where culture includes racial, religious, or cultural groups and is manifested in customary behaviors, cultural assumptions and values, patterns of thinking, and communicative styles.

**Multilingual Literacy** – Development of literacy in more than two languages. It involves using a reservoir of bilingual competencies, strategies, and knowledge in interaction and collaboration with others to comprehend text.

**Multilingualism** - The development of linguistic repertoires in more than two languages; speaking and understanding several languages.

**Negotiated (Negotiation of Identity)** – It is a process by which learners use diverse, critical, and at times contradictory information to construct their identities. Issues of ideology, social contexts, language, and culture and the multiple interrelationships among them are considered in this process.

**Oracy** – The development of academic oral skills through formal education. It requires talking to learn and the capacity to understand speech and use it to express academic knowledge.

**Oral Language** - The system through which we use spoken words to express knowledge, ideas, and feelings.

**Parental Engagement** - Ongoing process that increases active participation, communication, and collaboration between parents, schools, and communities with the goal of educating the whole child to ensure student achievement and success.

**Peer-assessment** – It is a process whereby students grade and provide feedback on the work of their classroom peers based on a teacher's benchmarks for the purpose of enhancing understanding of the academic material and metacognitive skills.

**Pluralist Discourses** - Ways of thinking and talking about the world that consider linguistic and cultural diversity as a resource for sociocultural, political, and economic development.

**Positionality** - Having a position in relation to other things. People are defined not in terms of fixed identities, but by their location within shifting networks of relationships, which can be analyzed and changed.

**Professionalism** – The recognition that teachers and other educators have expert knowledge about academic content and pedagogy, rather than just craft and technical knowledge.

**Professionalization** – Comprises the elevation of teaching to a more respected, more responsible, more rewarding and better rewarded occupation. It recognizes that there is a knowledge base for teaching that can guide the education and performance of teachers. However, this knowledge must be clearly articulated through standards that define teaching as a learned profession and not as the result of random acts performed by teachers.

**Reciprocal Use of Languages** - Shared language use within multilingual contexts.

**Recursive Model** – A framework that acknowledges that bilingualism can take different directions at various times from that of language shift, language addition, or language maintenance. It values language revitalization and the going back and forth between discourse modes of communities.

**Rhetorical Structures** – Ways written and oral text is organized and structured to communicate ideas and convey meaning.

**Scaffold Languages** - Providing contextual supports for meaning through the use of simplified language, teacher modeling, visuals and graphics, cooperative learning and hands-on learning.

**Scripts** - Writing systems.

**Self-assessment** - It is a process whereby students grade and monitor their work based on a teacher's benchmarks for the purpose of enhancing understanding of the academic material and metacognitive skills.

**Separatist Pedagogy** – Instructional practices based on separate language systems in bilinguals.

**Sequential** – Relates to the acquisition of a second language after the acquisition of a first language.

**Simultaneous** – Relates to the acquisition of two languages at the same time. The learner is exposed to and acquires two languages before the age of five as a result of circumstances or by election.

**Social Construct** – Jointly constructed understandings of the world that form the basis for shared assumptions about reality. Social reality and our interaction with it shape our view of the world, language, and communication.

**Social Practices** – Theoretical construct that connects practice and context within social situations. It emphasizes a commitment to change, social practice occurs in two forms: activity and inquiry.

**Socio-emotional Development** - Includes the child's experience, expression, and management of emotions and the ability to establish positive and rewarding relationships with others. It encompasses both intra- and interpersonal processes.

**Subtractive Model** – A framework that focuses on the acquisition of a second language that occurs at the expense of maintaining and developing the first language.

**Summative Purpose of Assessment** - This purpose focuses on using assessment data to provide a summary of student performance, determine student achievement, and measure program effectiveness.

**Translanguaging** – It refers to the multiple discursive practices in which bilinguals engage in order to make sense of their world. It includes code switching as it is used for different communicative purposes and meaning making.

**Translingual** – Hybrid language use across the different linguistic repertoires of bilinguals.

**Transnationalism** – It is a social phenomenon of back & forth movement between the home country and other countries, supporting identification with multiple national identities. A social phenomenon and scholarly research agenda grown out of the heightened interconnectivity between people and the receding economic and social significance of boundaries among nation states.

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