





#### Sponsored by:



#### HIDA's mission:

to increase awareness of dyslexia in our community;

provide support for individuals with dyslexia, their families and educators;

promote teacher training; and,

improve literacy for struggling readers.





#### **Proclamation**

WHEREAS, dyslexia is a learning disability that results in difficulty with spelling, reading comprehension, and learning in the classroom; and

WHEREAS, dyslexia affects how an individual processes language and does not indicate a lack of intelligence; and

WHEREAS, undiagnosed cases of dyslexia and unaccommodating learning environments can prevent people with dyslexia from achieving his or her full potential; and

WHEREAS, early identification and intervention are key to helping dyslexic people succeed in school and in life; and

WHEREAS, about 15-20 percent of the nation's population, including over 280,000 residents of the State of Hawai'i, have dyslexia or another reading disability; and

WHEREAS, the Hawaf'i branch of the International Dyslexia Association is dedicated to increasing awareness of dyslexia in our community, providing support for individuals with dyslexia, families and educators, promoting teacher training, and improving literacy for struggling readers:

THEREFORE I, DAVID Y. IGE, Governor of the State of Hawai'i, do hereby proclaim October 2020 as

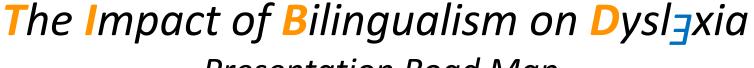
#### "DYSLEXIA AWARENESS MONTH"

in Hawai'i and ask the people of the Aloha State to join us in recognizing the importance of early diagnosis and intervention for children identified with this learning disability and celebrating the many accomplishments of those living with dyslexia.

Done at the State Capitol in the Executive Chambers, Honolulu, State of Hawai'i, this ninth day of September 2020.

DAVID Y. IGE

Governor, State of Hawai'i

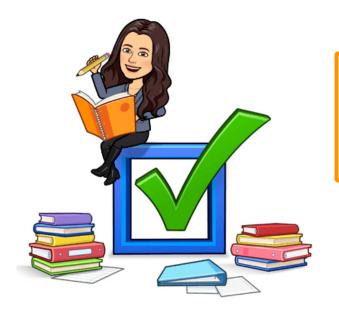




Presentation Road Map

- >Getting to know my Audience!
- > Bilingualism Demographics
- > Understanding Bilingualism
- Languages similarities and differences
- ➤ Signs to look for
- ➤ Great Tips!





1. Are you Bilingual?

- 2. How proficient are you in your second language?
- a) I understand very well but have a hard time speaking
- b) I speak fluently
- c) I can read and write but have a hard time speaking
- d) I am very fluent on both (I can read/write/speak/listen fluently)
- e) I can 'survive'!



# Are YOU Bilingual?

It has been estimated that more than 50% of the world's population uses two or more languages (or dialects) in everyday life!



# What is Bilingualism?



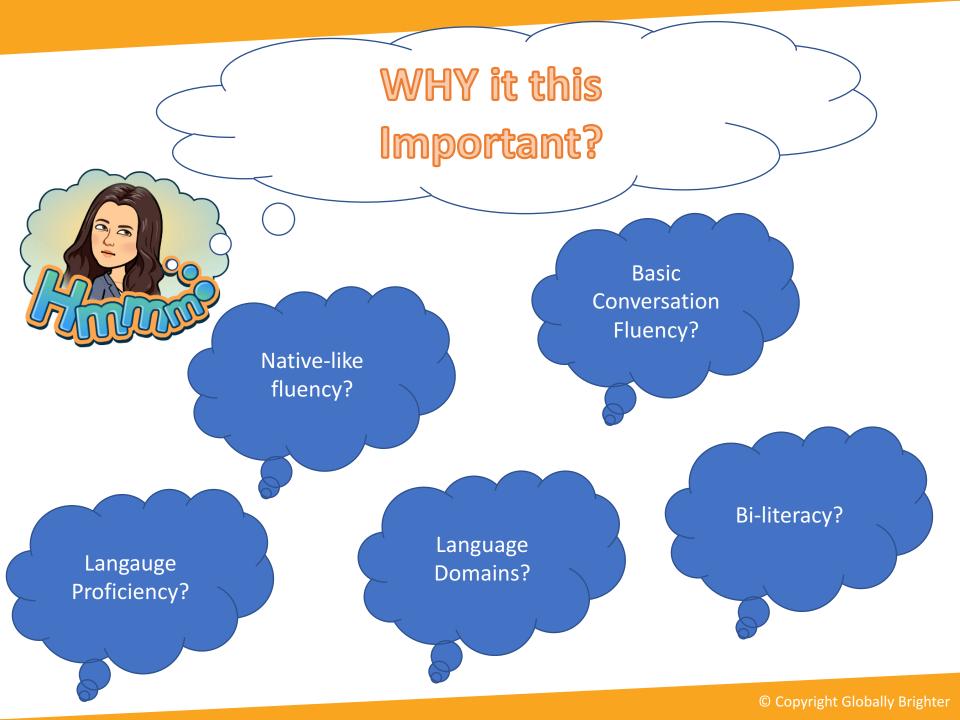
The definition is complex due to the variations on its dimension:

- Most bilinguals are not fluent in all language skills: listening, speaking, reading and writing
- Very few bilinguals are <u>bi-literate</u>
- ❖ Bilinguals usually have a dominant language





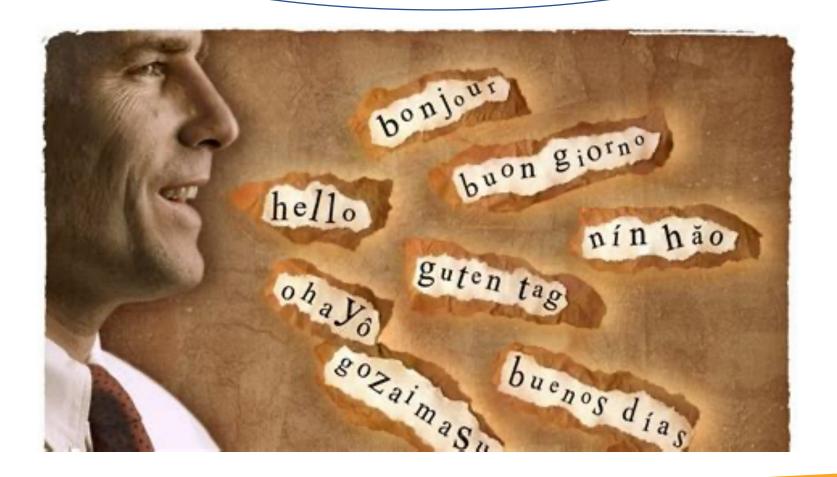
- ✓ Most bilinguals are **NOT equally proficient** in both languages
- ✓ Bilinguals usually don't speak both languages equally well and that is because they use each language in different contexts, activities and domains (home, school, work...).
- ✓ Proficient bilinguals demonstrate both **accuracy and fluency**, and use a variety of **discourse strategies** in all languages. This is **RARE!**
- √ There are many native speakers who are fluent but not proficient
- ✓ <u>Basic conversational fluency</u> might only require as little as 3,000 words
- ✓ <u>Native-level fluency</u> is estimated to be between 20,000–40,000 words;



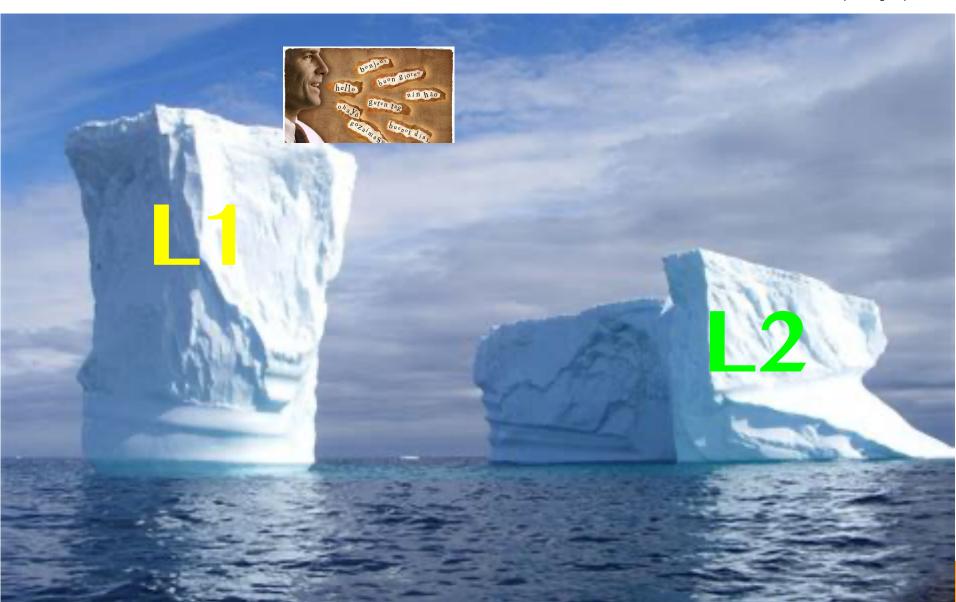


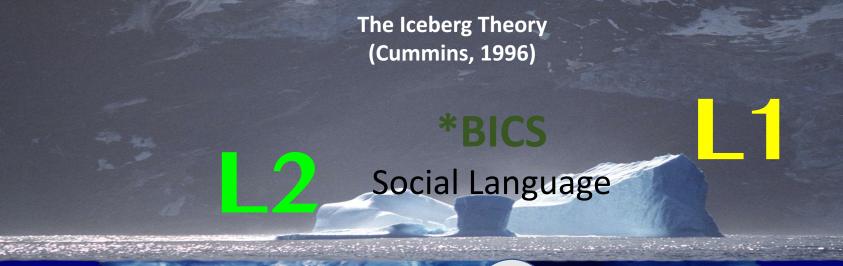


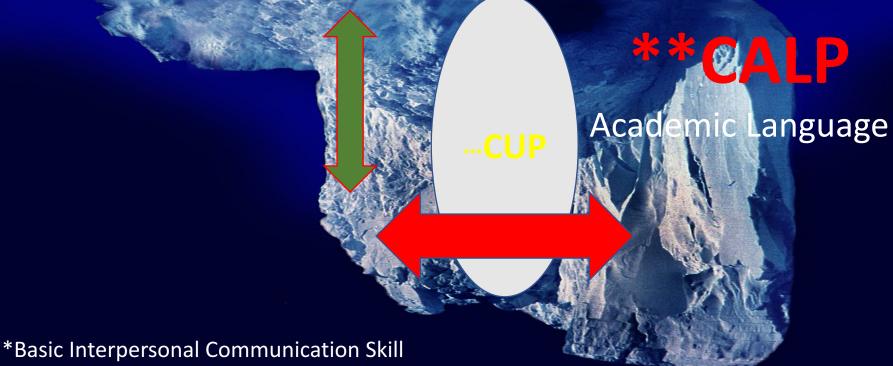












\*\*Cognitive Academic Language Proficiency

\*\*\*Common Underlying Proficiency

IMPORTANT!



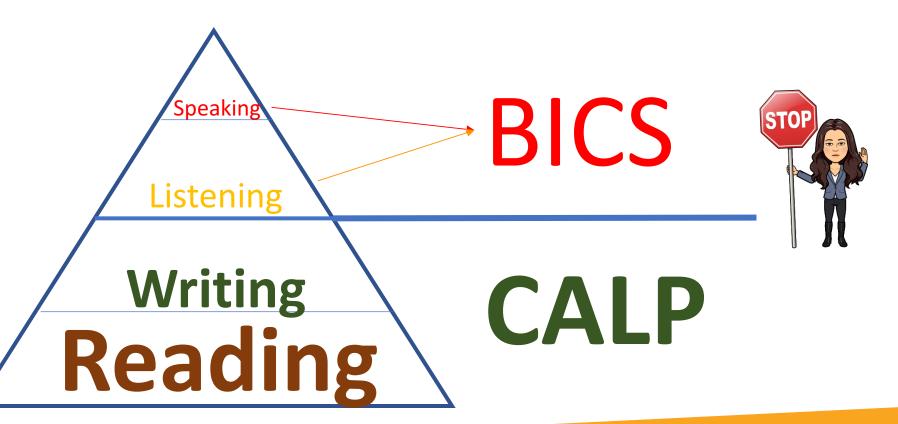
- Bilingual does not necessarily indicate that the speaker is fully competent and fluent in at least two languages.
- Bilinguals, more likely, have varying levels of language domains.
  - Being bilingual refers to having access
    to and using two or
    more languages on a
    daily basis.

(Baker 2006, Martin 2009)



# What to Look for when Assessing Bilingual Children

First/Native Language Proficiency Level X Second Language Proficiency Level



# **BICS** Characteristics



#### Limited listening skill exposure

- Difficulty following rules
- ✓ Difficulty paying attention and staying focused
- ✓ Limited speaking

#### No/very limited exposure to books

- ✓ Limited speaking vocabulary
- ✓ Difficulty with phonics and phonemic awareness
- ✓ Difficulty paying attention and staying focused



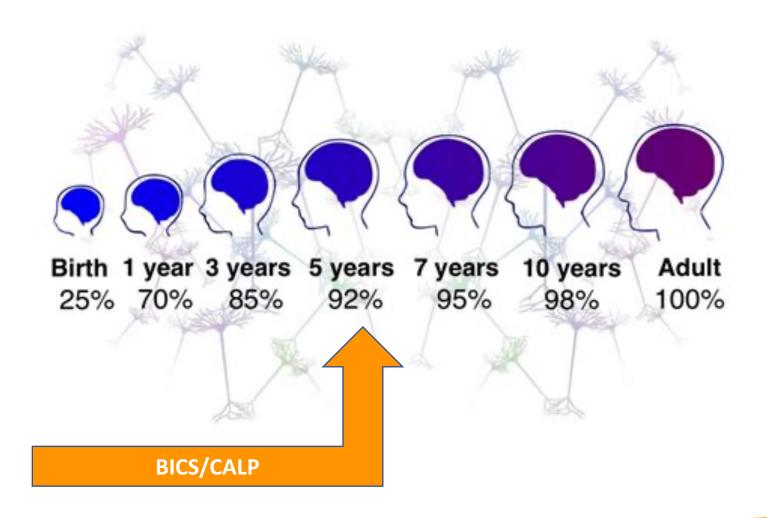
# How <u>common</u> is this type of student profile?



Nationally representative data suggest that around 25% of caregivers NEVER read with their children



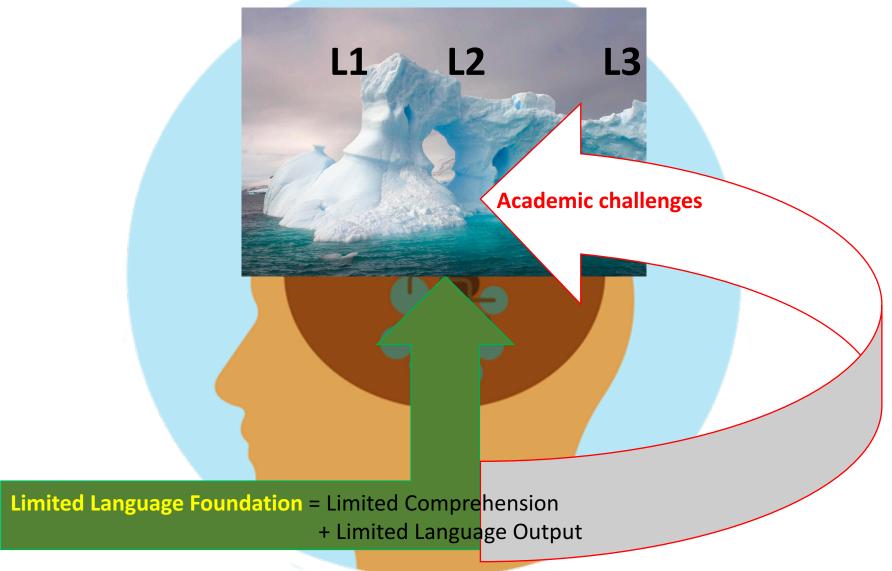
#### **Brain Growth**





- The quality of Early language exposure matter in later reading performance. (Golinkoff, et al., 2018; National Early Literacy Panel, 2008).
- Low language environment children, when followed later into school, were specifically found to be at a learning disadvantage. (Hart & Risely, 2003).
- Ambient language has a big effect on language development - compared to language spoken directly to the child. (Golinkoff et al. 2018).

## The BICS Language Foundation



#### BICS &



#### **Both**

- ✓ Chronic ear infections
- ✓ Delay in establishing a dominant hand
- ✓ Confusion with left and right
- ✓ Trouble learning to tie shoes
- ✓ Odd pronunciations or saying sounds in the wrong sequence (e.g., pa-sket-ti (spaghetti), am-i-nal (animal), em-i-ny (enemy)
- A history of family members with reading problems

- ✓ Speech delay
- ✓ Difficulty recognizing sight words
- ✓ Difficulty with word retrieval; trouble finding the word one wants to use (e.g., "That thingy")
- ✓ Early difficulty with letter names and sounds
- ✓ Trouble with rhyming words

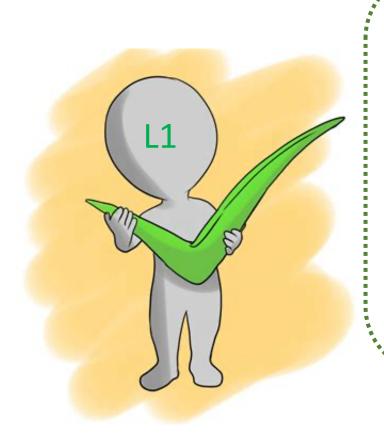


### CALP – Language Support





### Dominant Language Role



- √ Similarities
- ✓ Differences
- ✓ Level of
  - Transparency
- ✓ Orthography
- ✓ Prosody



Things to look for:

### Level of Language Transparency

Native Language X Target Language

- ☐ Transparent languages are those where single phonemes map consistently on to single graphemes.
- Deep or opaque languages are increasingly inconsistent. For instance, English has more than 120 graphemes to represent 44 phonemes.





# Dysl xic Children and Language Transparency

- Deep or opaque Languages like French, Danish and English, can be harder for students with dyslexia
- Transparent languages or languages that children are able to break words up into their component sounds and match up the sounds to letters are easier for students with dyslexia





# Things to Take into Consideration when Assessing Bilingual Kids:

#### **Kids with Transparent Language Background:**

- ✓ Have less difficulty with word level decoding accuracy
- ✓ Phonemic Awareness problems may be less pronounced
- ✓ May show fewer errors when spelling words

#### BUT

- Will have a hard time reading fluently
- Will have difficulty blending
- Will have a hard time rhyming



#### **A Common Misconception Among Educators!**

Phonological awareness is an important factor to be considered when assessing students; however, it is not necessarily the <a href="key factor">key factor</a> in recognizing dyslexia in a transparent language.



### Orthographic Depth Across Languages

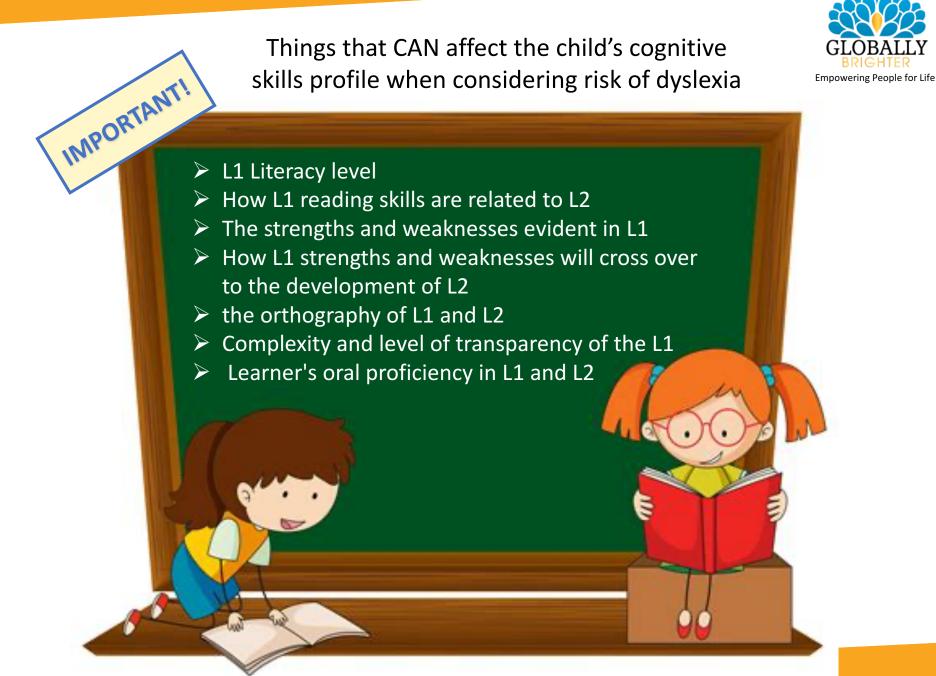
#### **Orthographic Depth**

Syllabic Structure	Shallow				Deep
Simple	Finnish	Greek Italian Spanish	Portuguese	French	
Complex		German Norwegian Icelandic	Dutch Swedish	Danish	English

#### Types of Assessment



Type of Orthography	Assessment Measures
Transparent	Phonological short-term memory (repeat non-sense words) Rapid Naming
Opaque	Standard phonological processing skills Rapid Naming
Non-alphabetic	Rapid Naming Visual Memory







#### Is this Important?





\*Dyslexia is a common learning difficulty that can cause problems with reading, writing, and spelling. Here are some difficulties dyslexic children have:

- read and write very slowly;
- confuse the letters of words;
- put letters the wrong way round;
- have poor or inconsistent spelling;
- have difficulty with information that is written down.



# Dysl zia Around the Wirld



**Approximately** 15% of people have dyslexia

80% of the

learning

dyslexia

children with a disability have

Dyslexia occurs in people of all backgrounds

Men and women are equally likely to have dyslexia

25-40% of children with dyslexia also have ADHD



No two dyslexics are exactly alike, and dyslexia ranges from mild to moderate and from profound to severe. But dyslexics do share patterns of observable behavior

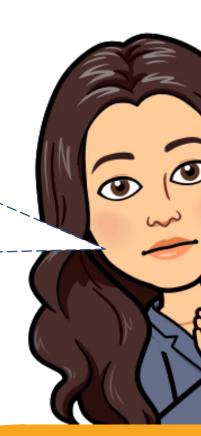




# So, what is the best Approach for a more Accurate Diagnosis?

A combination of approaches and methods combined with the 4 l's:

- nterview
- nvestigate;
- ntervene and;
- ➤ Get NFORMED!





## Commonalities Among Dyslaxics Regardless of Language Background



#### Dyslexic children during the early years:

- ✓ Have a hard time learning to tie their shoe laces
- ✓ Have difficulty reading a clock with hands
- ✓ Confusion with left and right
- ✓ Struggle with rhyming exercises
- ✓ A history of family members with reading problems
- ✓ Have had multiple ear infections
- ✓ Have weak phonemic awareness skills
- ✓ Read very slow
- ✓ Are poor spellers
- ✓ Struggle sounding out words

### Dysl∃xic Early Signs



- ☐ Speech delay; language doesn't seem to be occurring as it should.
- ☐ Often the child can understand language normally but expressive language may be delayed.
- Delay in establishing a dominant hand
- ☐ Confusion with left and right
- ☐ Odd pronunciations or saying sounds in the wrong sequence (e.g., pa-sket-ti (spaghetti), am-i-nal (animal), em-i-ny (enemy), a-lu-ni-mum (aluminum)
- ☐ Difficulty with word retrieval;
- ☐ Trouble finding the word one wants to use (e.g., "That thingy")
- ☐ Trouble with rhyming words
- ☐ Early difficulty with letter names and sounds





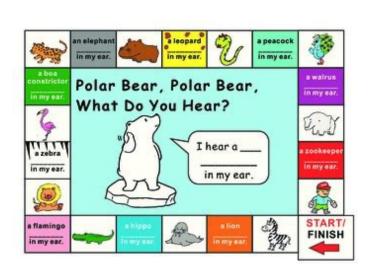


### MEMORY MATCHING GAME A SUMMER BOREDOM BUSTER!



## **Assessing & Playing**







#### A Harvest Left-Right Game

Have all the players form a circle and hand out gifts or treats evenly spaced around the group. A narrator reads out the story, emphasizing the words LEFT and RIGHT. Each time one of those words is spoken, all the gifts are passed around in that direction. When the story ends, anybody holding an item can keep it.

### GLOBALLY BRIGHTER Empowering People for Life

# Dysl xic Signs During the Elementary Years!

Difficulty memorizing arbitrary sequences such as days of the week and
months of the year, or sequences in solving math problems
Misspelling their own names
Letter and number reversals after first grade
Difficulty learning their address
Difficulty learning their phone number
Difficulty learning the names of letters
Difficulty learning the sounds of letters
Difficulty learning the multiplication tables
Not learning to tie shoelaces until after age 6
Continuing difficulties with retrieving the correct word when speaking
Issues with directionality (i.e., being left/right confused)
Issues with dominance (i.e., right-handed or left-handed)
Poor handwriting skills
Extremely poor spelling



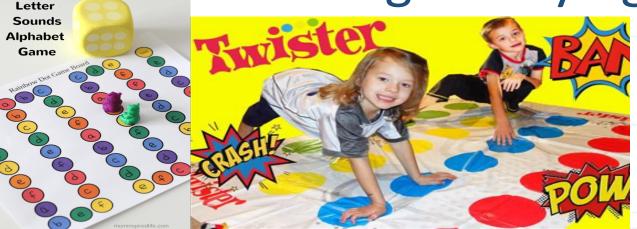


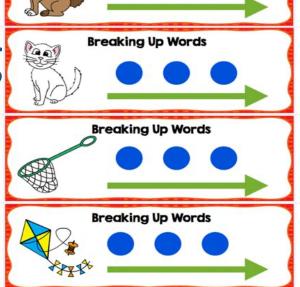




Assessing & Playing

www.giftofcuriosity.com





**Breaking Up Words** 

## Dysl xics Sings in the High School Years!



□ Life-long lousy spelling
 □ Dread of reading aloud
 □ Weak written expression
 □ Slow reading rate
 □ Poor test-taking skills
 □ Difficulty remembering people's names or retrieving known information (e.g., song titles)
 □ Difficulty learning foreign languages
 □ Bad sense of direction
 □ Difficulty reading musical notes from a score







## **Assessing & Playing**



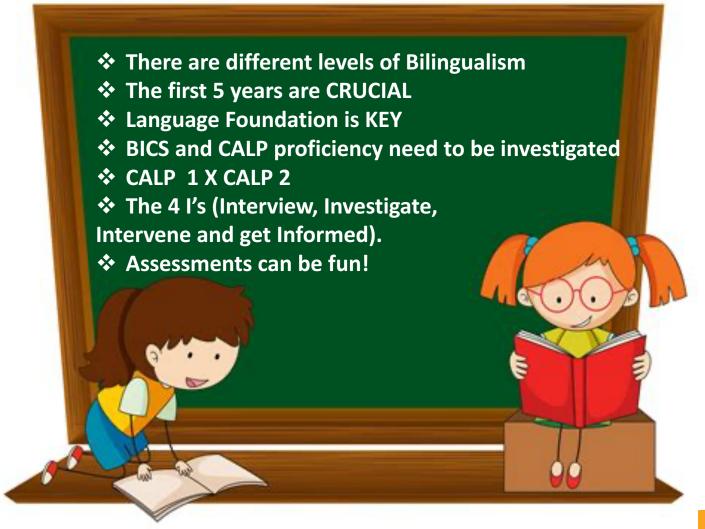




















Karla Garjaka, Ed.D.
Educational & Nutritional Psychologist
CEO & Founder of Globally Brighter
www.globallybrighter.com

## FREE ONLINE EVENTS

The Impact of Bilingualism on Dyslexia Presented by Karla Garjaka, Ed.D. October 7 · 5-7 PM HST

Bring the Science of Reading to Life in the Classroom
Presented by Really Great Reading
October 10 · 9AM-4PM HST

Dyslexia 24/7 Panel Discussion for Parents, Teachers and Other Professionals

October 21 · 6-7 PM HST

Celebrate Halloween! Interactive Virtual Group for Kids in Grades 5-8 with Learning Differences October 26 · 6-7 PM HST

## DYSLEXIA AWARENESS MONTH 2020

### Please complete a brief survey:

## https://tinyurl.com/web4hida



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