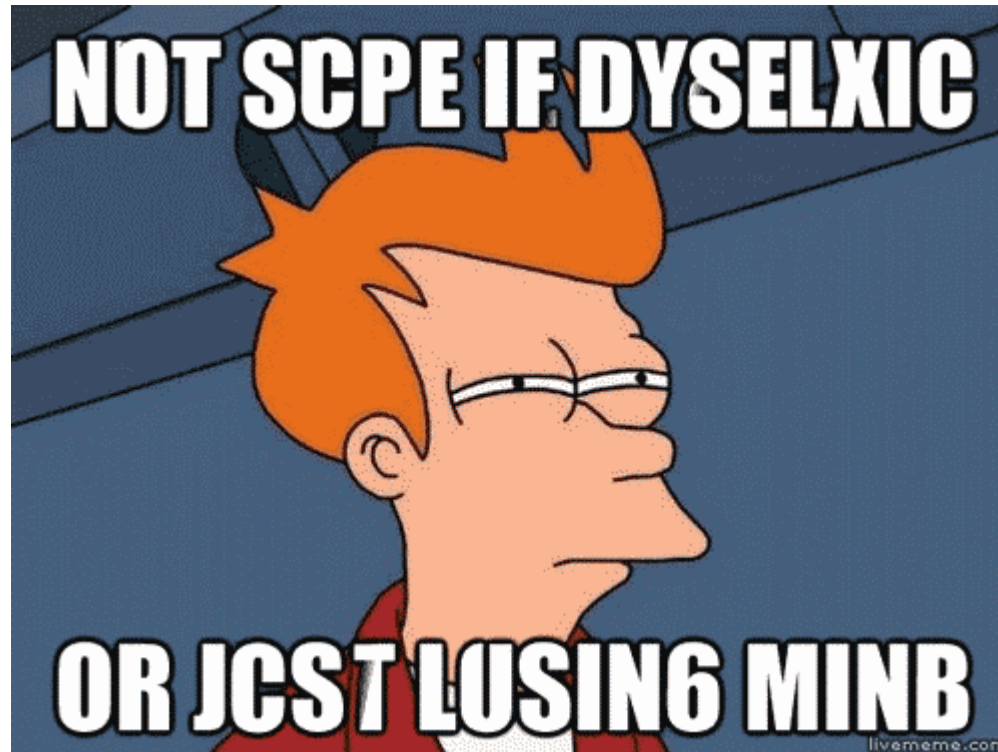


Digital Tools for Struggling Students

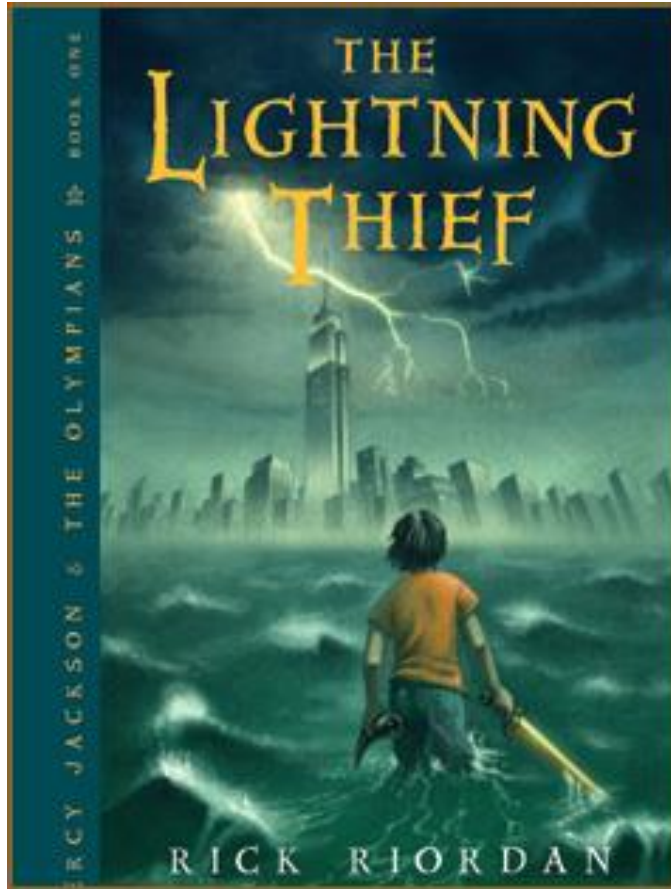
By Thomas Kennedy



As a Dyslexic your brain has the magical power to make letters dance around.



Percy Jackson has dyslexia and ADHD



Percy is not a typical hero: he has never scored above a grade C in his life, and he thinks he's a failure until he finds out he is the son of the Greek god Poseidon !! Percy has - dyslexia and attention deficit hyperactivity disorder (ADHD)

People tell you to “*just keep practicing*” as though practicing can make you see something that you’re cannot.



‘CAPTCHA’ used on the internet for security is really a form of torture for a dyslexic.

Amc

dralsist

unekt

valite

dutne

sonated

pliorom

unbacher

uphadeci

agunt

gulle

unnebr

vedsho

trapperb

zudns

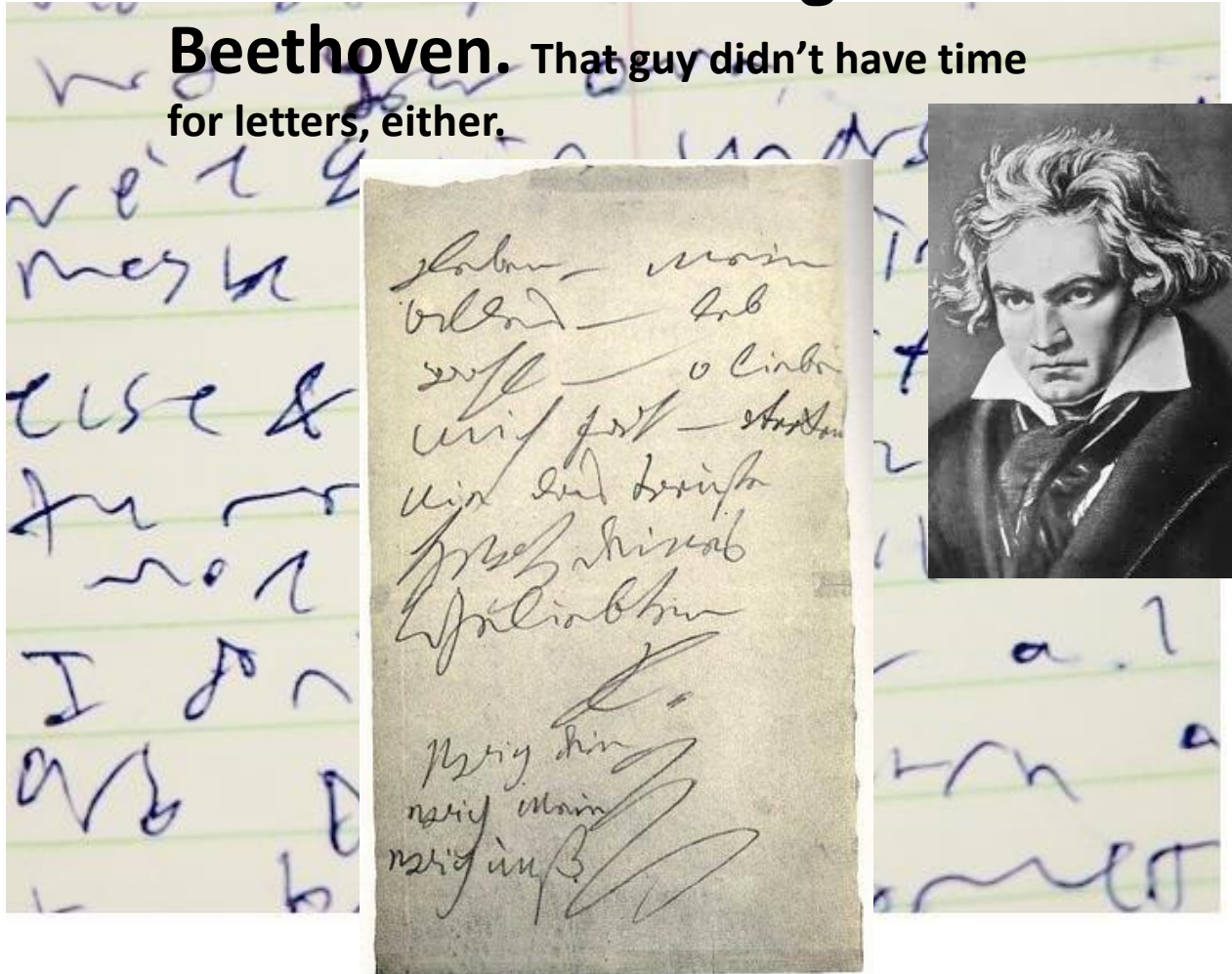
As a dyslexic you are often nervous about reading out loud.

This is what I see when I read

A word cloud where the sentence "This is what I see when I read" is repeated multiple times in various sizes, orientations, and opacities. The central text is the largest and most prominent, while other instances are smaller and more faded, creating a sense of depth and repetition.

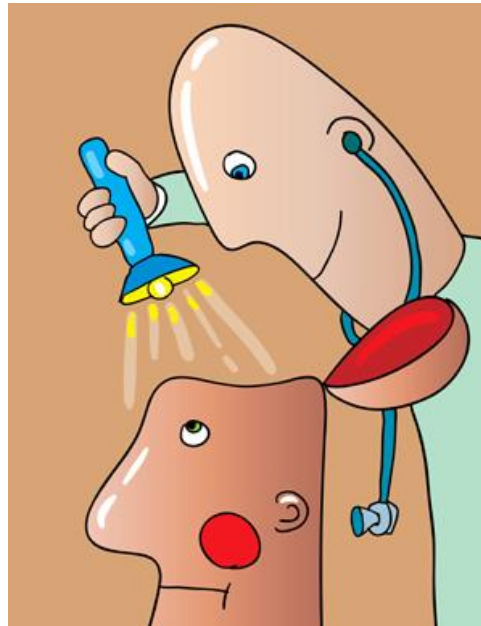
As a dyslexic you don't understand why everyone makes a big deal out of your bad handwriting. You know who else had crappy handwriting?

Beethoven. That guy didn't have time for letters, either.



Facts About Dyslexia

Dyslexia is the most common learning disability. Individuals with this medical condition have difficulty in the areas of language processing

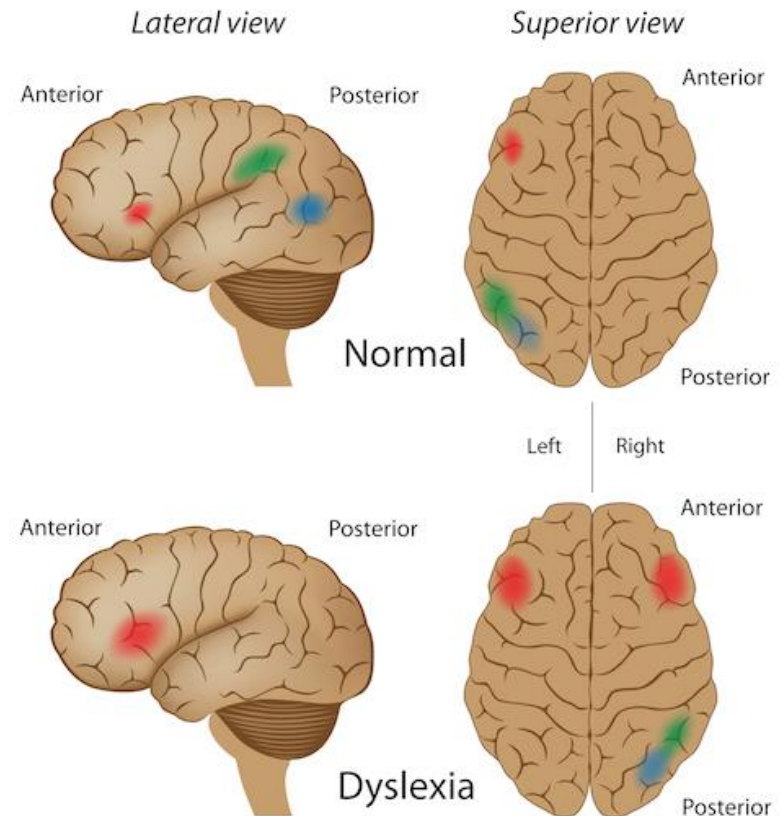


Sources

PBS. "The Facts About Dyslexia . A Primer on Dyslexia." PBS: Public Broadcasting Service. Accessed April 28, 2014.

Facts About Dyslexia

Those with dyslexia use only the right side of the brain to process language, while non-dyslexics (typical) use three areas on the left side of the brain to process language.



Sources

Binda Dyslexia Center. "Facts About Dyslexia." Binda Dyslexia Center. Accessed April 28, 2014.

Sources

braintrainuk.com. "Neurofeedback For Dyslexia" Accessed Sept 30, 2014. (<http://www.braintrainuk.com/neurofeedback-for-learning-difficulties/neurofeedback-for-dys/>)

Facts About Dyslexia

Children have a 50% chance of having dyslexia if one parent has it and a 100% chance if both parents have it.



Sources

Binda Dyslexia Center. "Facts About Dyslexia." Binda Dyslexia Center. Accessed April 28, 2014.

Facts About Dyslexia

Dyslexia ranges from mild to severe. Around 40% of people with dyslexia also have ADHD. Those with dyslexia use about 5 times more energy to complete mental tasks.



Sources

Binda Dyslexia Center. "Facts About Dyslexia." Binda Dyslexia Center. Accessed April 28, 2014.

Facts About Dyslexia

Dyslexia is not a disease so there is no cure. It's a learning disability that includes difficulty in using and processing of words, symbols, letters, speech sounds and/or number.



Sources

Dyslexia Center of Utah. "Facts About Dyslexia." Dyslexia Center of Utah. Accessed April 28, 2014.

Facts About Dyslexia



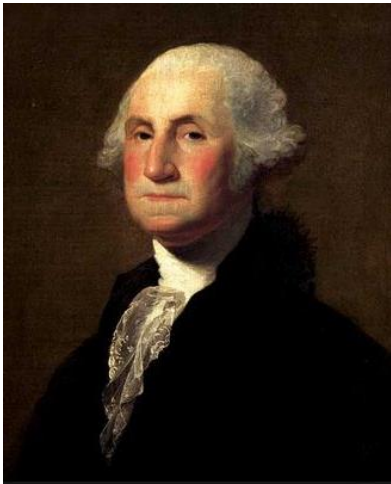
The U.S. Department of Health and Human Services estimates that 15% of the population has dyslexia.

Sources

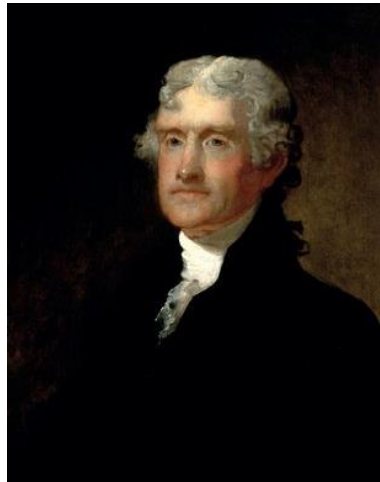
Dyslexia Help. "Debunking the Myths about Dyslexia." University of Michigan. Accessed April 28, 2014.

Who Is Dyslexic?

Approximately 8 U.S. presidents are known or believed to have had dyslexia including...



George Washington



Thomas Jefferson



John Fitzgerald Kennedy

Other Famous People



Thomas Edison



Walt Disney



Albert Einstein



Alexander Graham
Bell



Leonardo Da Vinci



Winston Churchill



Robin Williams



Whoopi Goldberg



Jim Carrey



Keira Knightley

About Me



Tommy in first Grade



Tools



Technology

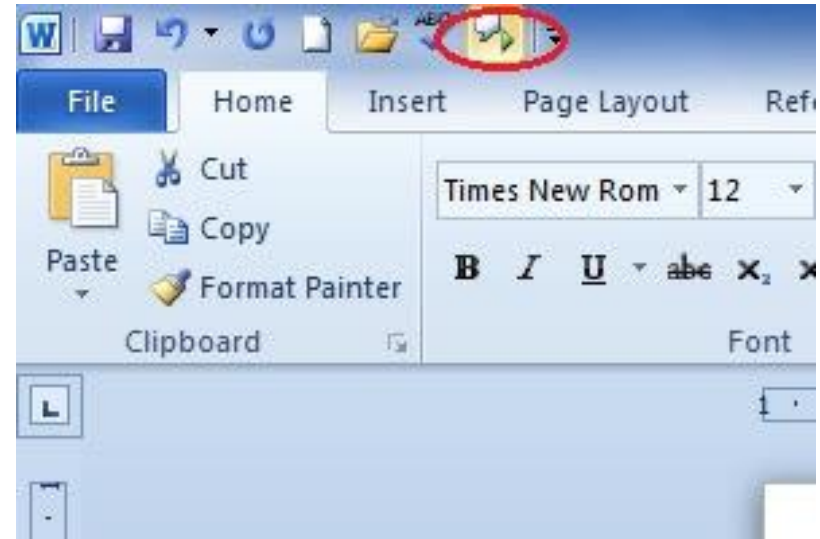


Applications



Turn Dictation OFF or ON for iOS

<http://osxdaily.com/2012/05/04/turn-off-dictation-on-ipad-iphone/>



Steps to setting up speech in MS Office

<http://bdmtech.blogspot.com/2011/12/add-quick-text-to-speech-button-to.html>



Fonts

**Dyslexic
Friendly Font**

OpenDyslexic - Free and Open Source Dyslexia Typeface

<http://opendyslexic.org>

DyslexieFont – Free Dyslexia Typeface

<http://www.dyslexiefont.com>

Websites



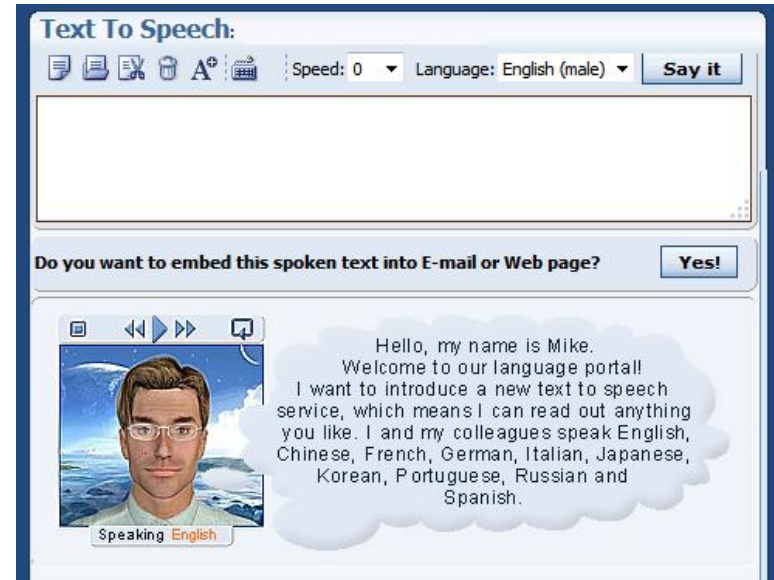
[Online Dictionary](http://www.merriam-webster.com/)

<http://www.merriam-webster.com/>



[The Best Spell Checker](http://www.google.com/)

<http://www.google.com/>



[Reads your text to you](http://text-to-speech.imtranslator.net/)

<http://text-to-speech.imtranslator.net/>

Applications



Learning Ally is a nonprofit providing *dyslexia* support through audiobooks & parent ... of providing audio *textbooks* and other literature to students and veterans.

<https://www.learningally.org/>



PaperRater

Grammar, Plagiarism, and Spelling Check; Free Online Proofreading.

<https://www.paperrater.com/>

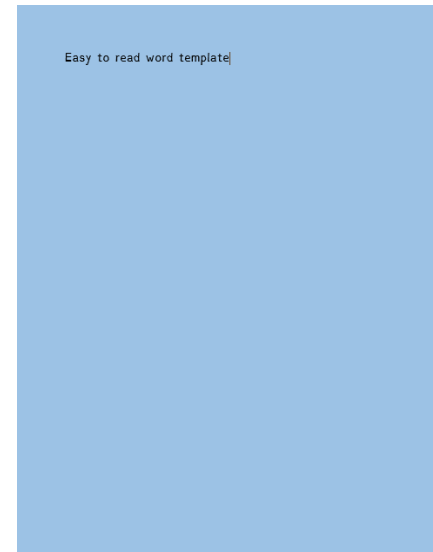
Applications



Five Fab iPad Apps to Help Students With Dyslexia

<http://www.teacherswithapps.com/ipad-apps-help-students-dyslexia>

Simple Solutions



- Purchase color transparencies or cheap color see-thru covers.
- Create a Word, Pages or other word-processor template. Make the background of the color that works best. Try changing the font and font color too!
[*Click here to download sample template*](#)

Teachers



Mr. Linthwaite



Mrs. Andre'

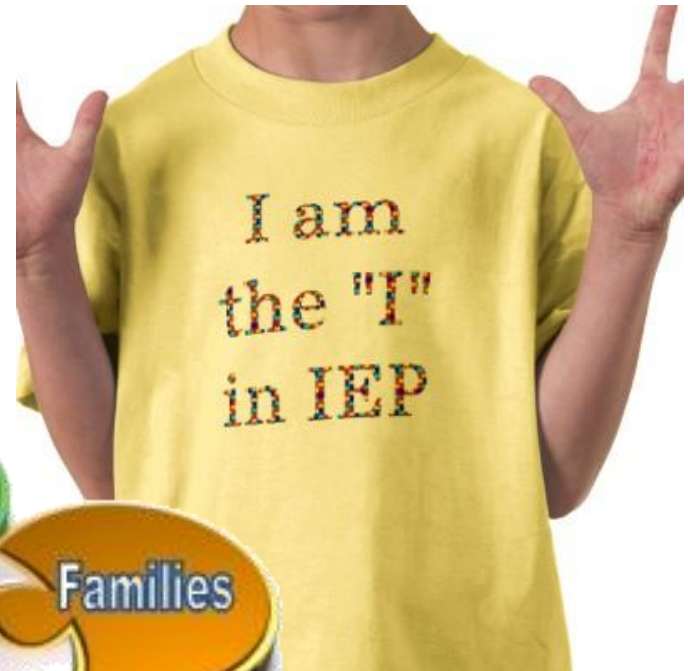


Mr. K



Miss Cobb

Self Advocate



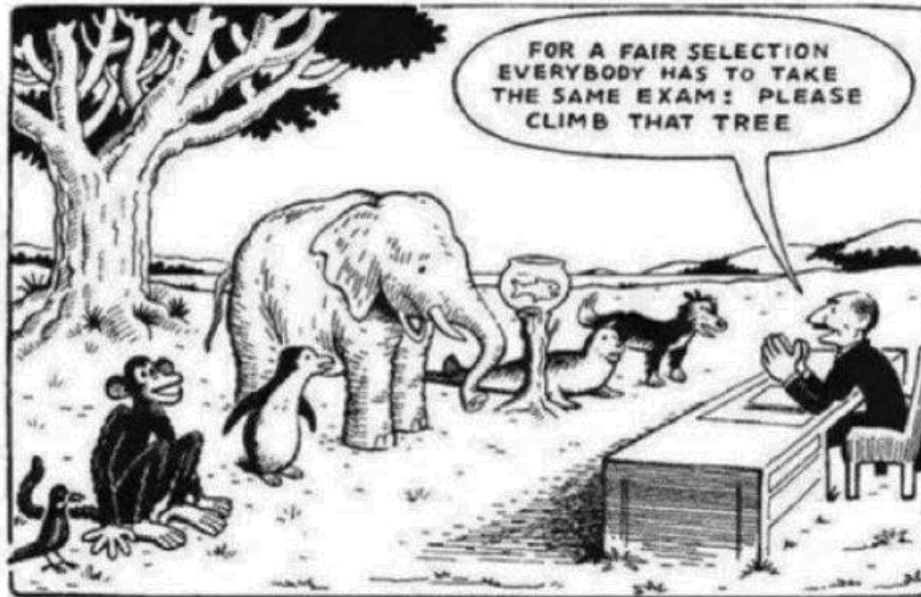
Include Digital Tools in IEP



How do I get started?

- Unlock speech and read features on one-to-one devices.
 - *Technology Specialist can assist you or contact TRC.*
- Use read feature to listen to text (with earphones).
- Use dictation for spelling of words, phrases, or more.
- Permit students to use take picture of notes with one-to-one devices.
- Incorporate modifications into life long strategies.
- Keep an open mind and continue to encourage new innovative ways of learning.

Overcoming Challenges



Our Education System

"Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid."

- Albert Einstein

