

A Parent's Perspective :

TBI  
IN THE SCHOOL SETTING

By Tracy Dumais

INJURED AT AGE 3  
2003

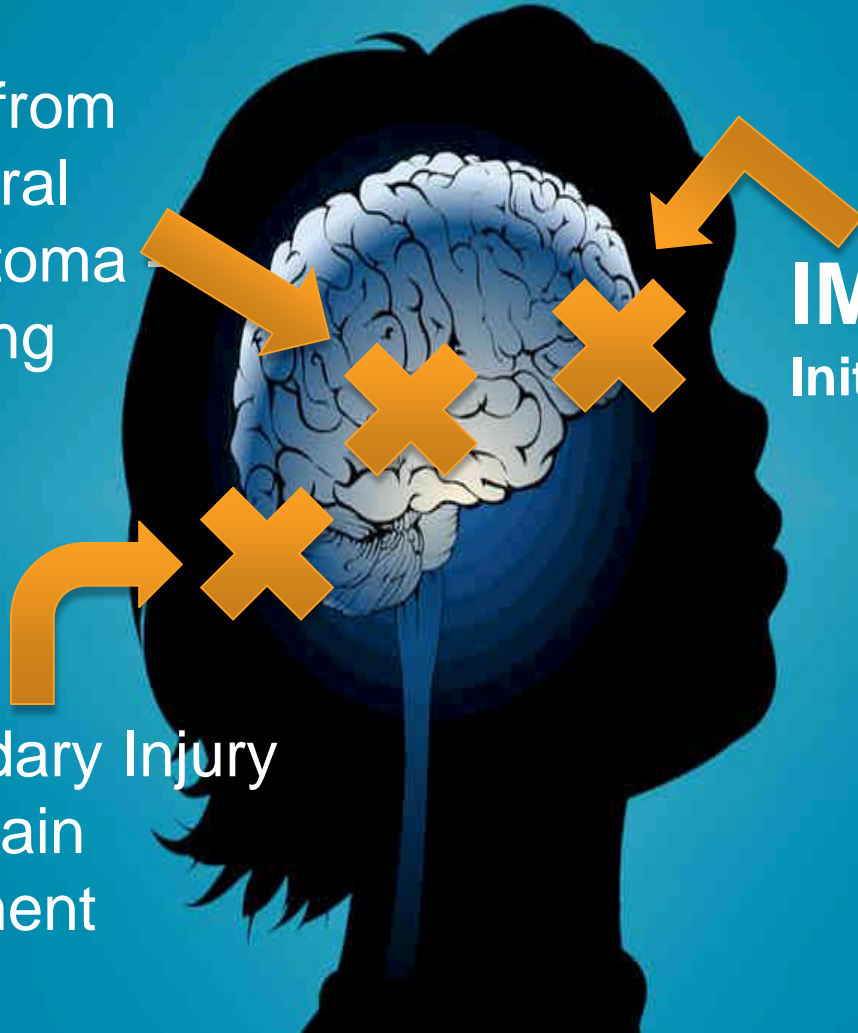


AT THE TIME OF  
INJURY, 1-2%  
SURVIVAL RATE

Injury from  
Subdural  
Hematoma  
bleeding

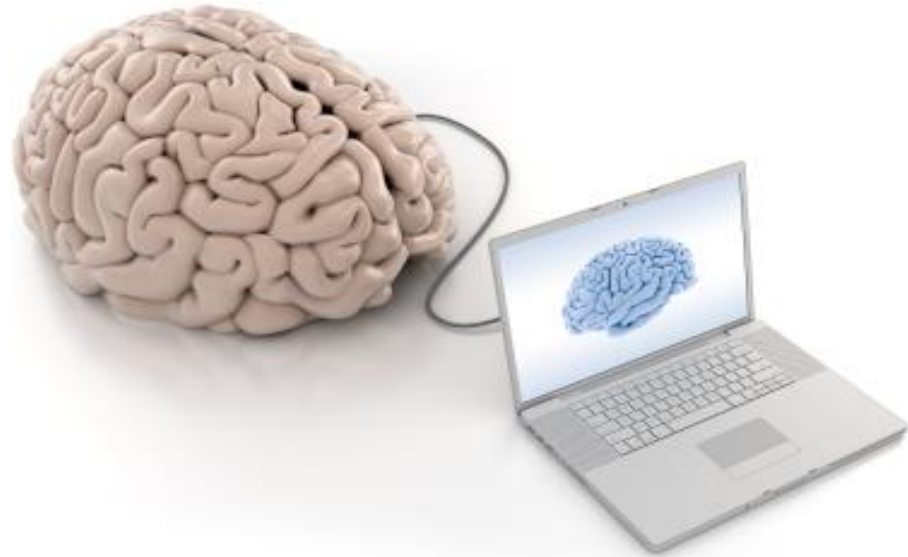
**IMPACT**  
Initial Injury

Secondary Injury  
from brain  
movement



Technology  
Increases Survival

Still NO idea how  
Brain Rewires  
after Injury





# Invisible Disability

“Looks Normal” Physically

- Extreme pressure, Increased pacing, & Quick thinking situations show TBI
- Tests,
- SOLs,
- Quizzes WILL randomly show failure when classwork shows success

Fatigue issues appear randomly and can be debilitating.



The Brain tries to  
develop new  
pathways but they  
are unreliable.

No Studies being done on  
long term effects of child TBI  
survivors.





# versus



Former Senator  
Kathy Giffords

**No Acquired  
SKILLS**

Disrupted Brain &  
Physical  
Development

**GROW INTO  
INJURY**

Difficulties Appear Out  
of NOWHERE & Need  
Immediate  
Accommodations

**Acquired SKILLS  
Prior to Injury**

**FULLY DEVELOPED  
Physically & Mentally**

**Difficult Areas  
EASIER to Identify  
since Development is  
DONE.**



# Elementary

Increases in difficulty as student develops.

## Early Interventions of Organization help

Study Habits can be Instilled at an early age.

Constant Repetition of Concepts is NORMAL.

# Middle & High School

**Difficulties in adjusting Instruction - Continuous repetition needed**

Stamina or Fatigue increases as DEMANDS increase beyond medication

Executive Functioning NOT Fully developed till age 24

PUBERTY will cause issues

# Stamina & Fatigue



It's Like a VIDEO GAME LIFE BAR



Each and Every Task in a  
Day SUCKS away at the Life

# MEMORY





# IEP

## INDIVIDUALIZED EDUCATION PLAN

## HELPFUL ACCOMMODATIONS

### **Mental “Check ins”**

With tests longer than 30 minutes.

### **Word Banks & Multiple Choice**

To help with memory recall of content

### **One Summative test per day**

Benchmarks & VA testing should be considered here.

### **Study Guides 3 blocks prior to summative tests**

Helps with memory recall, repetition & storage of key concepts

# HELPFUL ACCOMMODATIONS

## **SOLs**

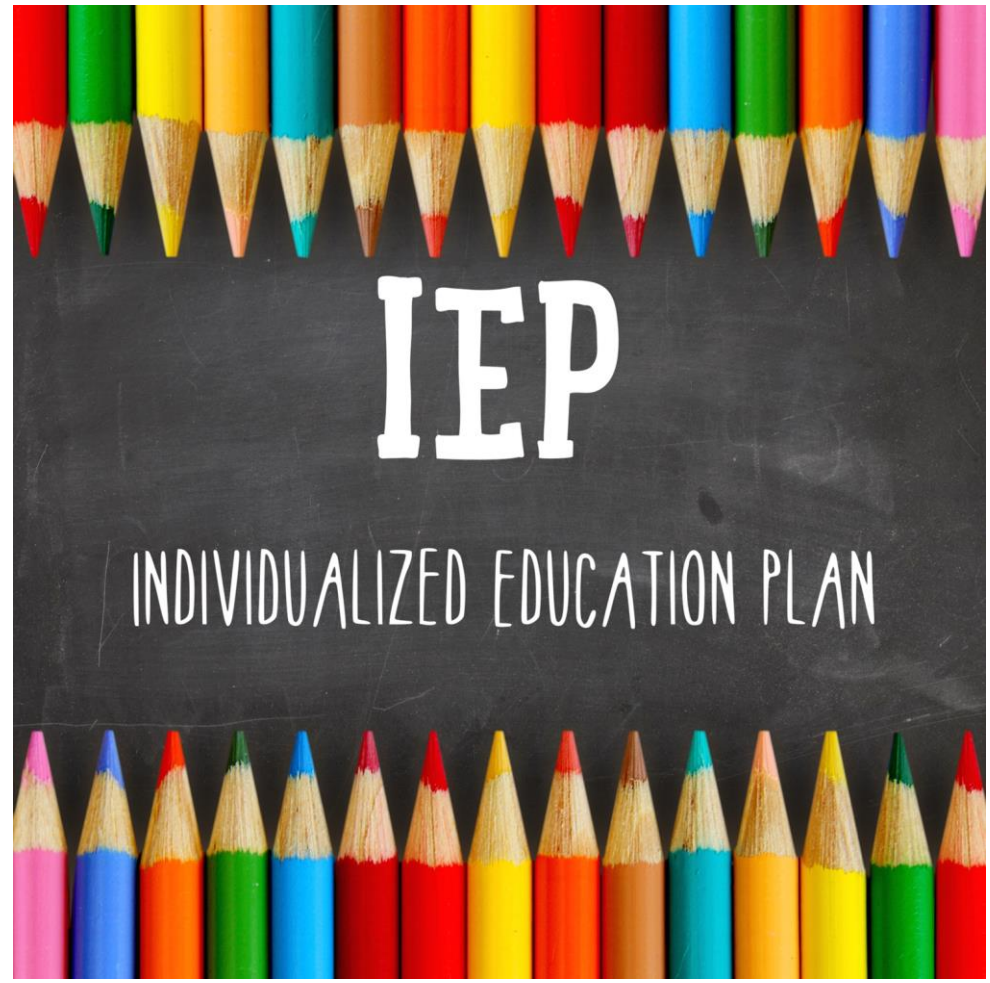
Broken into consecutive sessions & at the start of the school day.

## **Core Subject Scheduling**

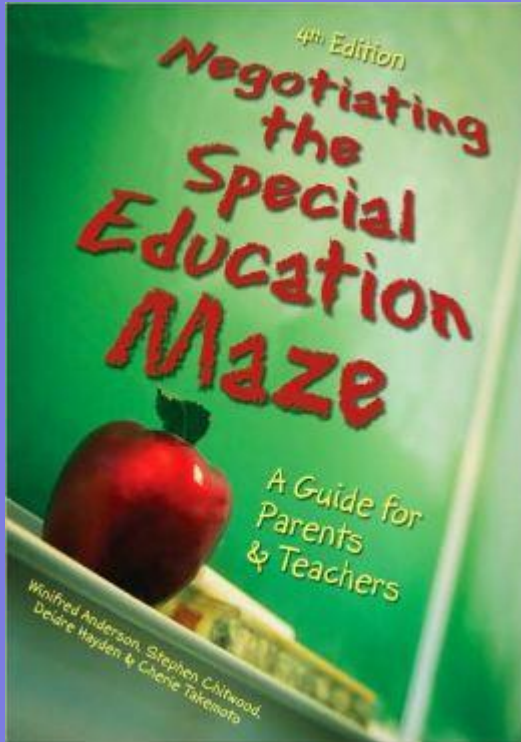
Start the day with hardest subjects

## **Classroom lecture notes**

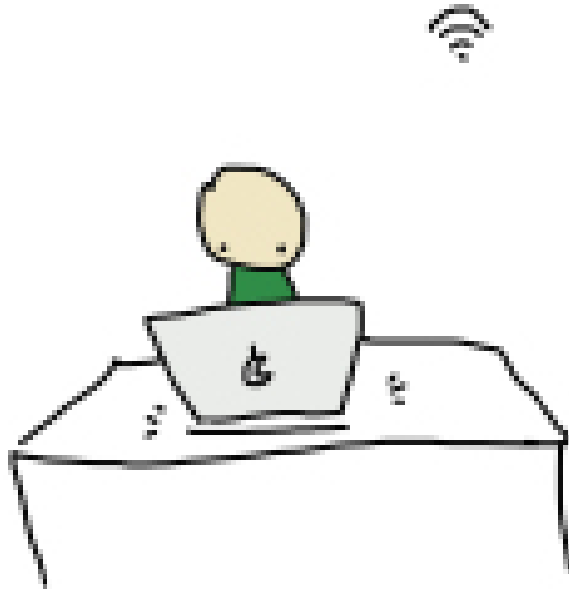
Provided if student needs



Point your parents to these  
helpful reSources:

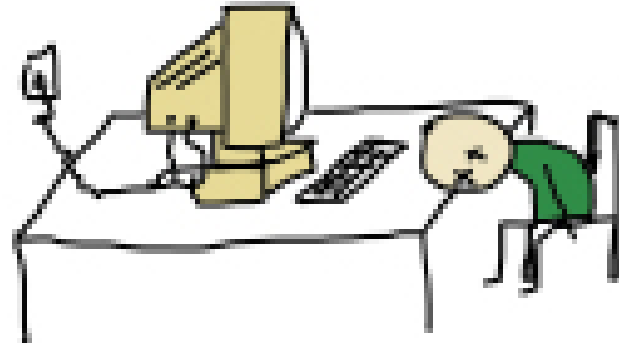


<http://www.lapublishing.com/>



Broadband  
General Education  
Population

eee...oh gedung gedung  
BLEEEK! Heeee yap  
budeep bleee!



Dial-up

TBI Population

**Flipped Teaching  
+ Active Learning**

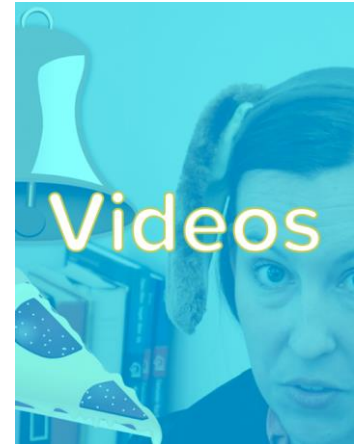
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**= Amazing Educational  
Possibilities!**



# Scientifically Based Study Skills

<http://www.learningscientists.org/>



# It's a balancing act..

A black and white photograph of an elephant balancing on a tightrope between two palm trees in a savanna landscape. The elephant is in the center, walking on a thin wire that stretches across the frame. The background shows a vast savanna with scattered trees and distant mountains under a cloudy sky.

Homework,  
SOL after school review,  
Studying,  
SOL TESTING

**FATIGUE**



THE BRAIN HAS NO LIMITS!

THANK  
YOU FOR  
COMING.



*Dumais Family 2016*