



Welcome !

Andy Larson

Founder, Thinkersize LLC

Let's have a shout out for the following people:

Scott Christensen - Director of Technology - BASD

Gena Lois - Technology Specialist - BASD

Kerry Trampe - Technology Specialist - BASD

David Wagner - Technology Specialist - BASD

Molly Ebberts - Teacher - Burlington Area School District

Anne Thompson - Teacher - Burlington Area School District

Linda Nortier - Aurora University/George Williams College

Don't forget the fear disclaimer, Andy!





- "Employ your time in improving yourself by other men's writings, so that you shall gain easily what others have labored hard for."

- Socrates





“There shouldn’t be a G-- D--- computer in any classroom if the kids can’t read.”

“There’s no use going to school unless your final destination is the library.”

Ray Bradbury





“If we listened to our intellect we'd never have a love affair. We'd never have a friendship. We'd never go in business because we'd be cynical: "It's gonna go wrong." Or "She's going to hurt me." Or, "I've had a couple of bad love affairs, so therefore . . ." Well, that's nonsense. You're going to miss life. You've got to jump off the cliff all the time and build your wings on the way down.”

— Ray Bradbury





“You must write every single day of your life... You must lurk in libraries and climb the stacks like ladders to sniff books like perfumes and wear books like hats upon your crazy heads... may you be in love every day for the next 20,000 days. And out of that love, remake a world.”

— Ray Bradbury





*Despite the busy nature of both my mind, as you will witness,
and the amount of information I am about to share with you,
here are the major points:*

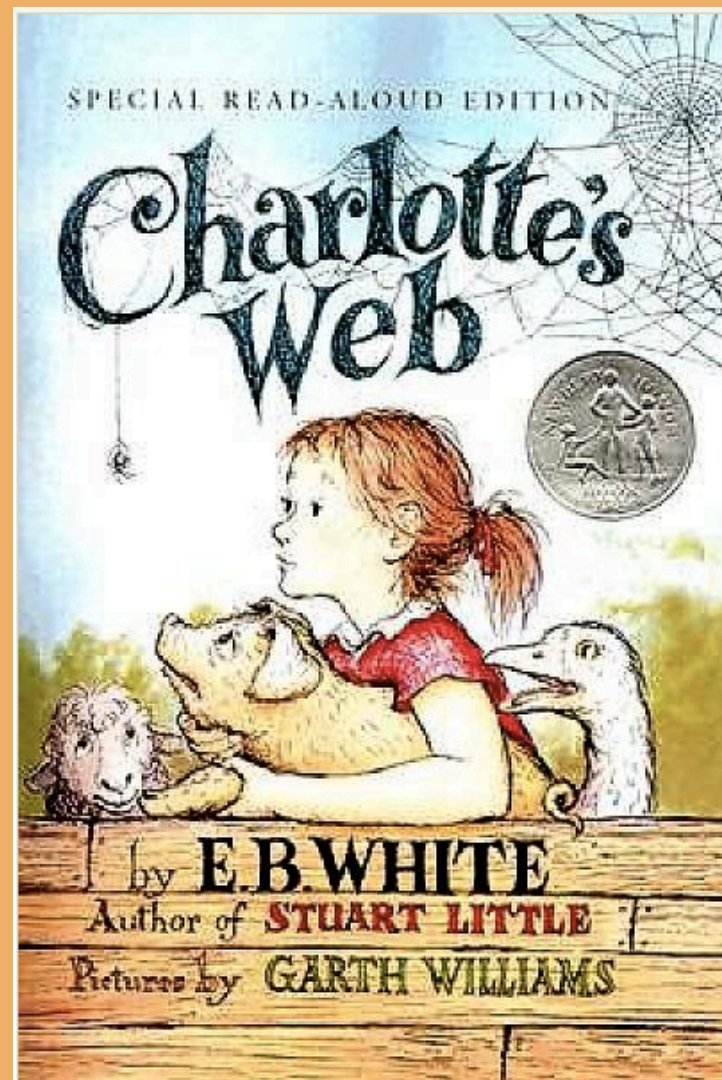
*Reading should be the focus of all we do. It won't matter how much
technology we offer our students if they can not read well and comprehend.*

*Let's use our creative natures to challenge our students while we show
how to make learning almost as enjoyable as anything we do.*

*Be patient with this presentation. All the threads will come together
by the end, like a tapestry for the benefit of your students,
and make sense.*



■ *Let's Play a Game!*






Read. Write. Speak. Listen.

www.craniumcore.com

WHAT THE
INTERNET
IS DOING TO
OUR BRAINS
THE Nicholas Carr
AUTHOR OF THE BIG SWITCH
SHALLOWS



*Our short term memory is being overloaded:
email, texting, Facebook, Twitter, etc.*

*Our brains are being rewired to the
detriment of both our long term memory
as well as our ability to contemplate.*

*As educators, we must find a way to balance this
conflict between our social and contemplative natures,
hopefully using technology, not shying away from it.*





1954

From Kindergarten to 1st Grade

Trauma Central





From Mrs. Vandermoellen to Sister Agnella

WWHD?

He'd Shoot Her!!





1961

Father Knows Best!









Outliers



THE STORY OF SUCCESS

MALCOLM
GLADWELL

#1 bestselling author of *The Tipping Point* and *Blink*



Practice, Practice, Practice!

1977

Hammering Away at Life!



In 1976 there was an OPEC oil embargo.

This resulted in a knee jerk reaction to do two things:

*Build smaller, fuel efficient cars, and
tighter, energy efficient houses.*

*This article appeared in McCall's magazine
in late 1976.*



I drew the blueprints during the spring of 1977.

No bank would give me a loan to build.

Two different carpentry crews, who I tried to get to moonlight on the weekend, never showed up,

so....

I ended up building the house, pretty much by myself, all because.....

my dad brought me baseball books to read earlier in my life!



Couple construct their own dream

By Robert Unger

THE FIRST HOME that Mg step toward the American Dream, is supposed to be all but unreachable for young people these days because of high building costs, housing shortages, and inflation.

If you're not already a homeowner and not rich, according to the conventional wisdom, it's almost impossible to get a foothold.

"Baloney," says a young salesman and his wife. "That is real baloney. There's another way, and we found it."

THEIR SOLUTION is simple and satisfying: Build your own home.

The result of their efforts is a 3,000-square-foot frame three-bedroom, three-bathroom, passive solar house taking shape on a wooded lot near Bull Valley. They hope to move in by December.

In late 1977, Andy Larson, now 30, and his wife Becky, 28, had just been through the nerve-shattering experience so common to today's young married couples.

"We'd been getting estimates from builders," he said. "We were floored."

BECKY TRANSLATES that as "scared to death."

"We didn't want to be married to a house," she said. "We know too many people who just live and work to make payments. We wanted something nice that wouldn't drain us financially."

But building their own home? Andy admits he first thought the idea was little more than carry-over insanity from house shopping.

"I built a doghouse once," he said. "But the dog wouldn't go in it."

And he had drawn a few sketches over the years, but they were mostly of trees and people.

"BECKY SAW an article about the Shelter Institute in Maine," he said. "We flew up there to see what it was about. We took the course in February, 1978."

They paid \$350 each to learn about home building.

"That course was tough, believe me," Becky said.

Andy said he soon realized that most of his fellow students at the two-week session were carpenters, and that many of them were relaxing as he sat on the edge of his chair and hung on every word. But he was determined to complete the course.

"Even then it was about half a lark," he said. "I really didn't believe I could build a house. Even when I was drawing the plans, I didn't believe it."

NEVERTHELESS, THE plans were finished by spring and submitted to local housing officials. On June 15, 1978, the plans were approved. The next day, Andy and Becky began clearing trees from their three-acre lot



Andy Larson and his wife, Becky, "were floored" when they got quotes on building a house two years ago. After a two-week course, the couple designed and began building their home, which they hope to occupy by December. The family dog, Nikie, offers only his encouragement on the project.

near McHenry. "Every step seems so slow, just inching along," he said. "We've been very cautious."

Every step has been an adventure. Andy never had poured concrete, but he and friends poured the house's foundation. Only the impossible jobs, like digging the water well or hoisting the home's heavy beams into place, required hired help and specialized machinery.

"I still tell friends about what we're doing," Becky said, "and they say things like, 'Didn't the contractor do that?' They just can't seem to understand that there are no contractors. We're doing it. All of it."

Andy won't rush things. He says he feels only the pressure of doing the job right.

"You have to take it one phase at a time," Becky said. "If you stand back and look at the whole picture, it is just too overwhelming. I still haven't allowed myself to think ahead to fixtures."

SHE'LL HAVE to soon. The wiring and plumbing are almost finished. The cedar house is taking exactly the shape they wanted.

"The most construction I'd ever done was shoveling gravel one summer during high school," Andy said.

"Gratifying? Sure it is."

But it's more than that. The house has become a part of both of them.

"It's a long story of compromise," Andy said. "It's a compromise between my practicality and her class."

He wanted the home to be strictly efficient from a solar energy standpoint. She wanted windows on the north side, a no-no for solar homes. She got the windows, but they are small.

MOST OF THE design sprang from years of talking about what they wanted someday to have. None of it happened by accident.

"Psychologically it is solar in design," Andy said. "It's built around the sun. The kitchen is on the east where the sun comes up. The living room is in the west to catch the sun at the end of the day. The sun follows you through the house as you move through your day."

It is a passive solar home, meaning that there are no mechanical devices to harness the sun's energy. But the design, if all works well, should leave the house with little need for heat on a sunny day in winter.

THE LARSONS are proud of what they've done, and they want to tell the world about it. They believe they have

beaten "the system."

They figure they will have \$60,000 invested in their house when it is completed. That figure is about \$20 per square foot for the 3,000 square feet. And that figure is about half, according to Andy, of what it would have cost them to have someone else build it.

"IN A WAY IT'S sort of a way of thumbing your nose at all those people out there who are trying to get their hooks in you," Andy said. "There's no mortgage on any of this. There won't be when it's done. We did it ourselves."

They know, however, that not everyone can do it.


"For one thing we don't have any children," Becky said. "That makes a big difference, especially in time. We can spend the time we need out there."

And it makes a difference in money. They were able to save all of the \$60,000 they're pouring into the house, especially over the last few years since the project started.

"I'm a flight attendant for Delta Air Lines," Becky said. "Because of that we used to do a lot of traveling. But we don't anymore. You have to give up something."







1982

A Company is Born!





This was the beginning of micro-computers invading our lives.

Back then, Chuck Follett, a very creative guy who just retired as the C.E.O. of Follett Corporation, got an idea:

Let's have Follett Library Book Company sell microcomputer educational software to school libraries.

He asked me to head the new division.

In October, 1982, I saw a man in a booth at AASL in Houston, Texas using an Apple with two cassette drives doing library automation.

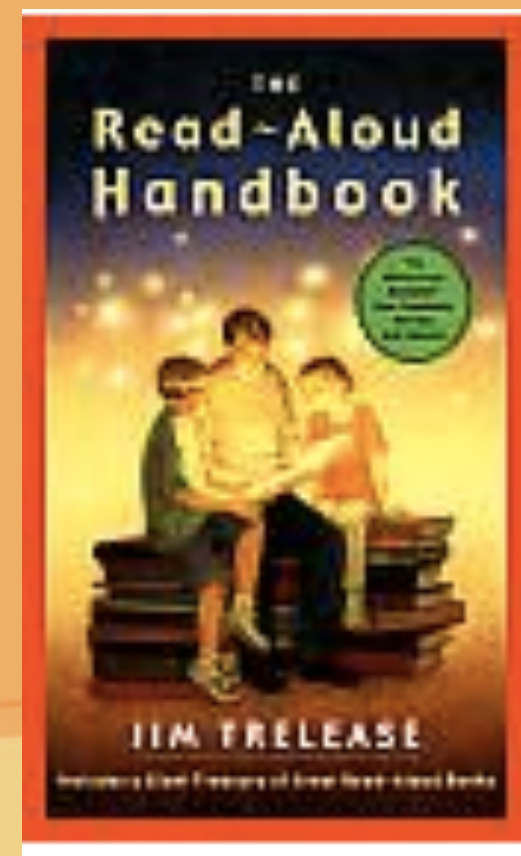


Follett bought his company and the rest is school library automation history.

1996

That a Fact, Jack!

meets Jim Trelease



2009



Our Gaming Goes Social.

Web 2.0 Fun, Fun, Fun!





What's with gaming anyway?

"

A horse never runs so fast as when he has other horses to catch up and outpace."

- Ovid





Here is our collective challenge:

*How can we use technology to build a bridge
from the old (i.e. books) to the new
(i.e. mobile devices) in a way that is creative, rigorous,
collaborative and, most of all, relevant?*



Things to consider on this bridge building journey: 

First, it is not about Literacy, it is about Fluency.

Second, focus on 21st Century Skills.

Third, scaffold to the Common Core Standards.

Fourth, be disruptively innovative. Take some risks.

Fifth, cross curricular is the way to go.

Sixth, have FUN!



21st Century Fluencies



Solution Fluency

Information Fluency

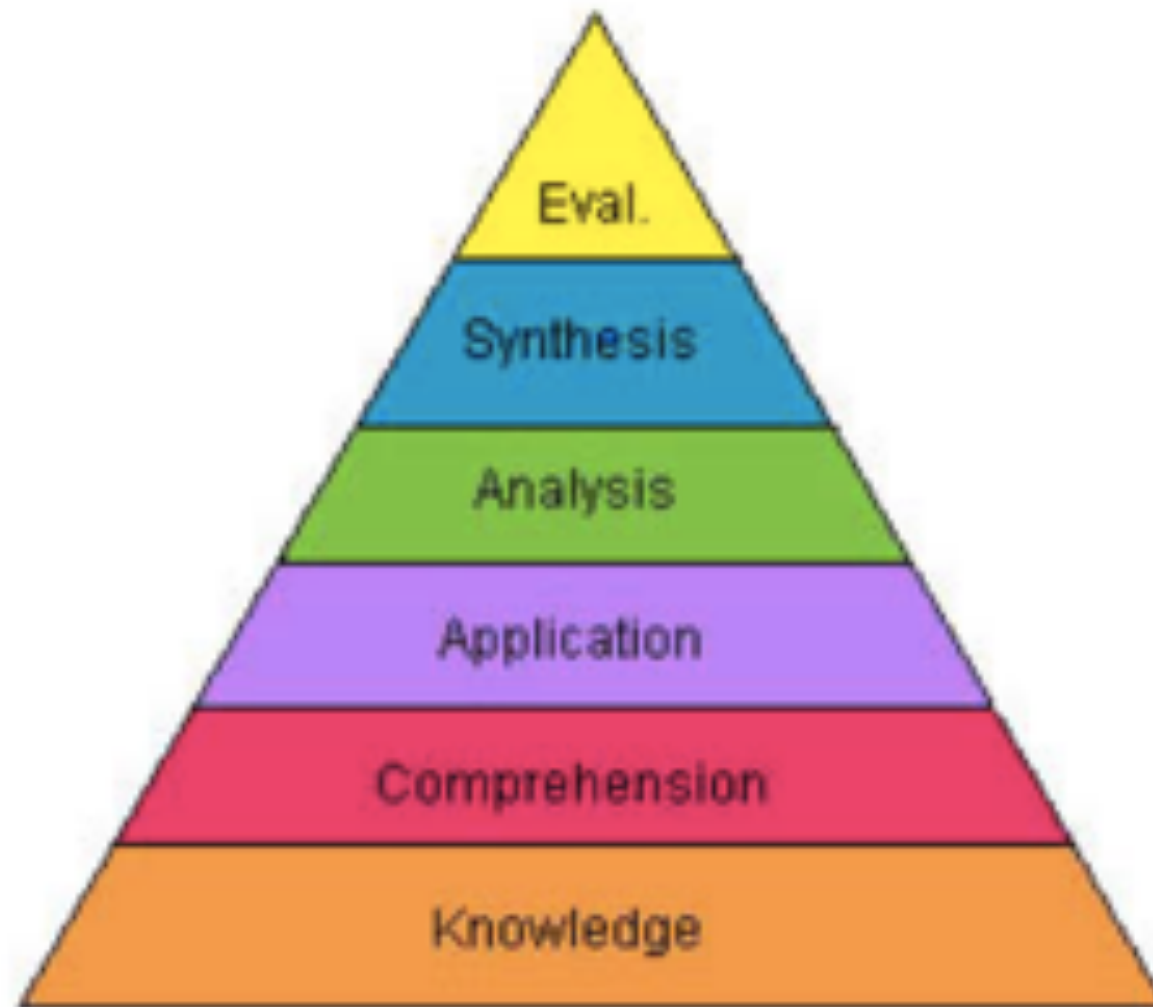
Creativity Fluency

Collaboration Fluency

Media Fluency

This is from an Ian Jukes presentation





Old Version



New Version

Caption: Terminology changes "The graphic is a representation of the NEW verbage associated with the long familiar Bloom's Taxonomy. Note the change from Nouns to Verbs [e.g., Application to Applying] to describe the different levels of the taxonomy. Note that the top two levels are essentially exchanged from the Old to the New version." (Schultz, 2005) (Evaluation moved from the top to Evaluating in the second from the top, Synthesis moved from second on top to the top as Creating.) Source:

21st Century Skills



1. *Process Information*

2. *Global Communication Problem Solving*

3. *Self Directed*

From an Alan November presentation.



NEW YORK TIMES BESTSELLER

"Provocative and fascinating." —MALCOLM GLADWELL

Daniel H. Pink

author of *A Whole New Mind*

DRIVE

The Surprising Truth
About What Motivates Us

Motivation



Motivation 3.0 has three elements:

Autonomy

Mastery

Purpose



The Common Core Standards



The best thing about the Common Core Standards is the freedom it allows for reaching the end result.

Creativity should reign! Both with content and technology.

Now, more than ever, all teachers are “reading” teachers.

Regardless of the curriculum, with both fiction as well as informational text, the goal is to drive our students into the text for deeper meaning.

Discussion is the key!



Disruptive Innovation



What does this look like?

There is no limit here, but, it can include things like:

Allowing the teachers to make their own reading lists to support the curriculum versus a required reading list from the district.

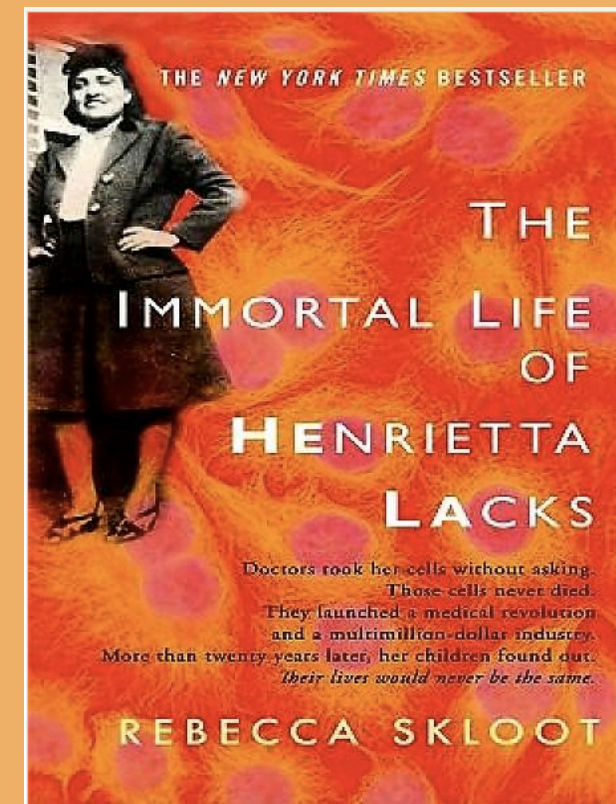
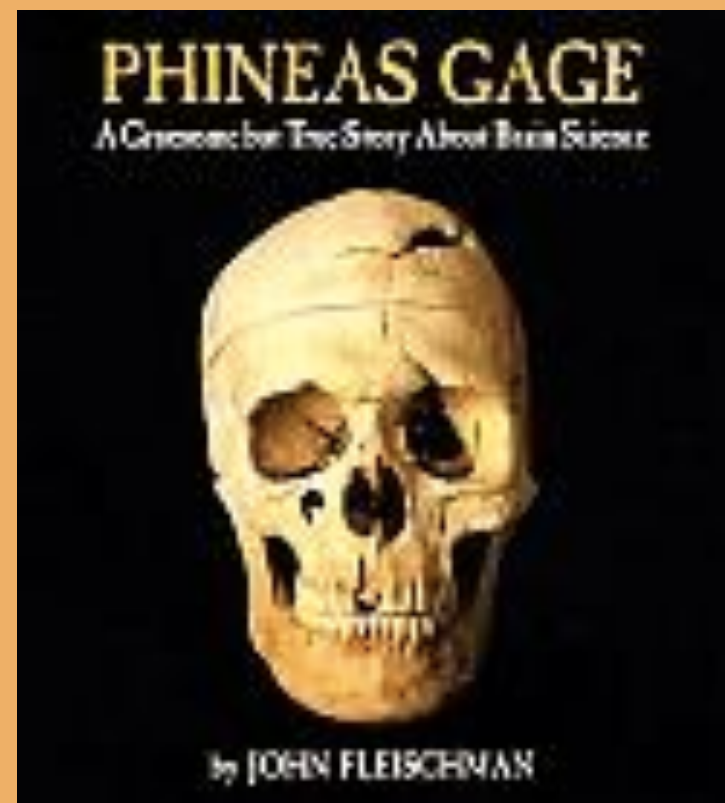
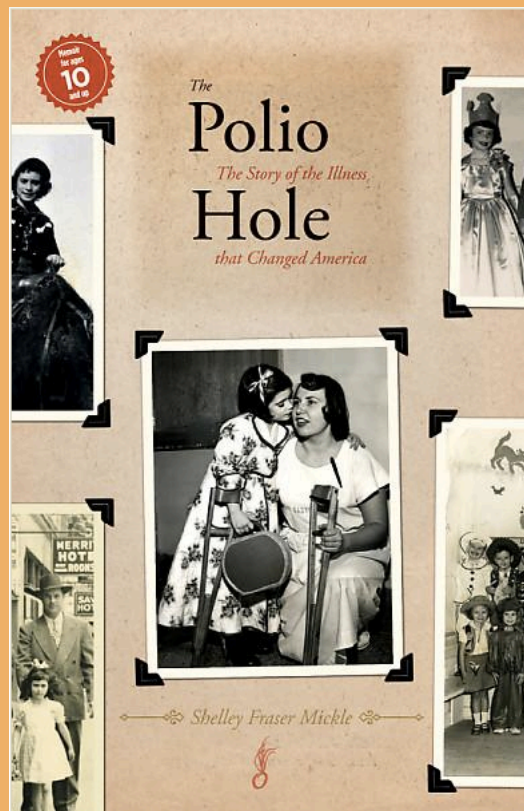
Allowing the students to bring their own mobile devices for school use.

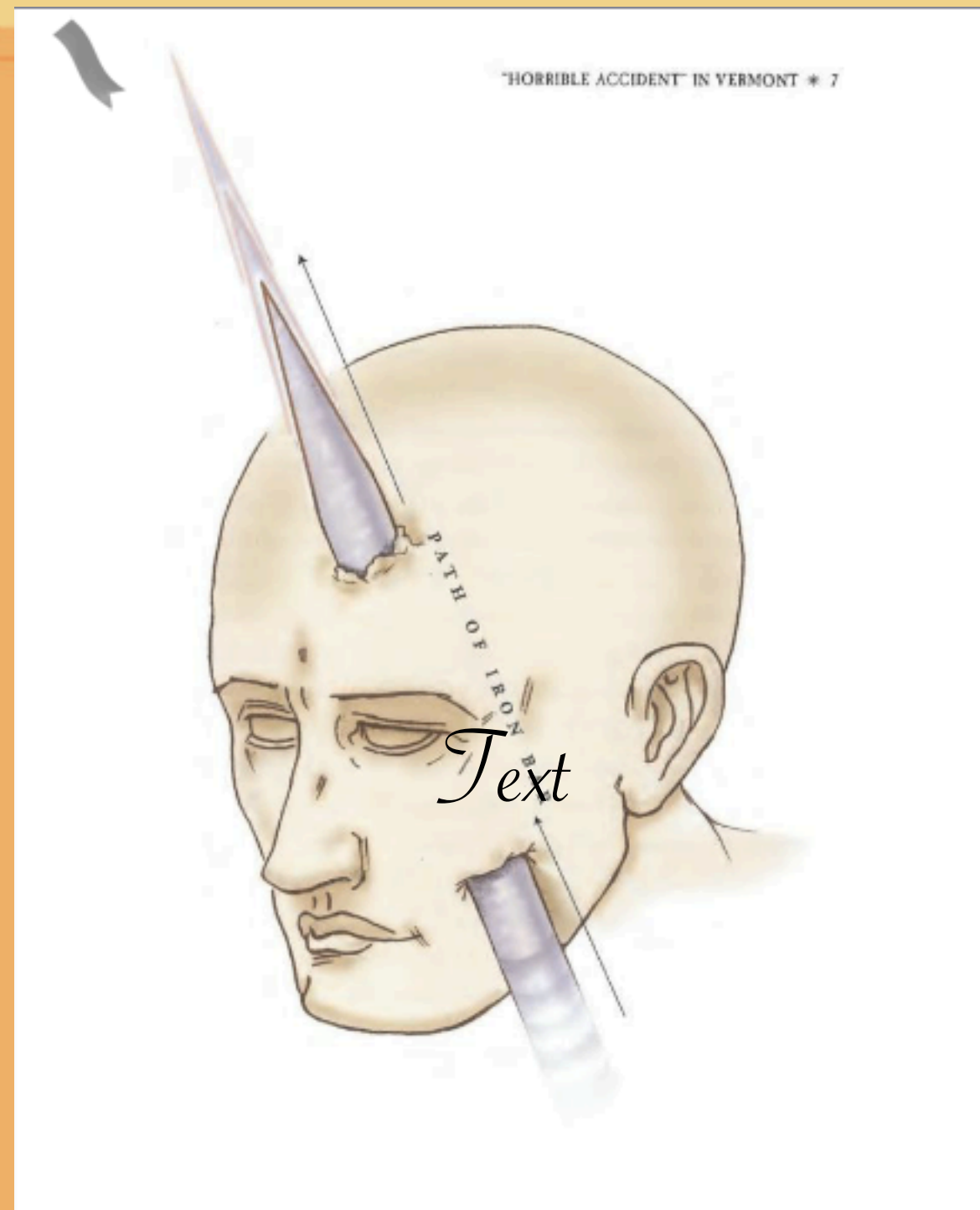
Allowing students and teachers to use Skype/iChat to communicate with schools outside their district.

Stop eliminating the library media positions and support more library involvement in the entire curriculum.

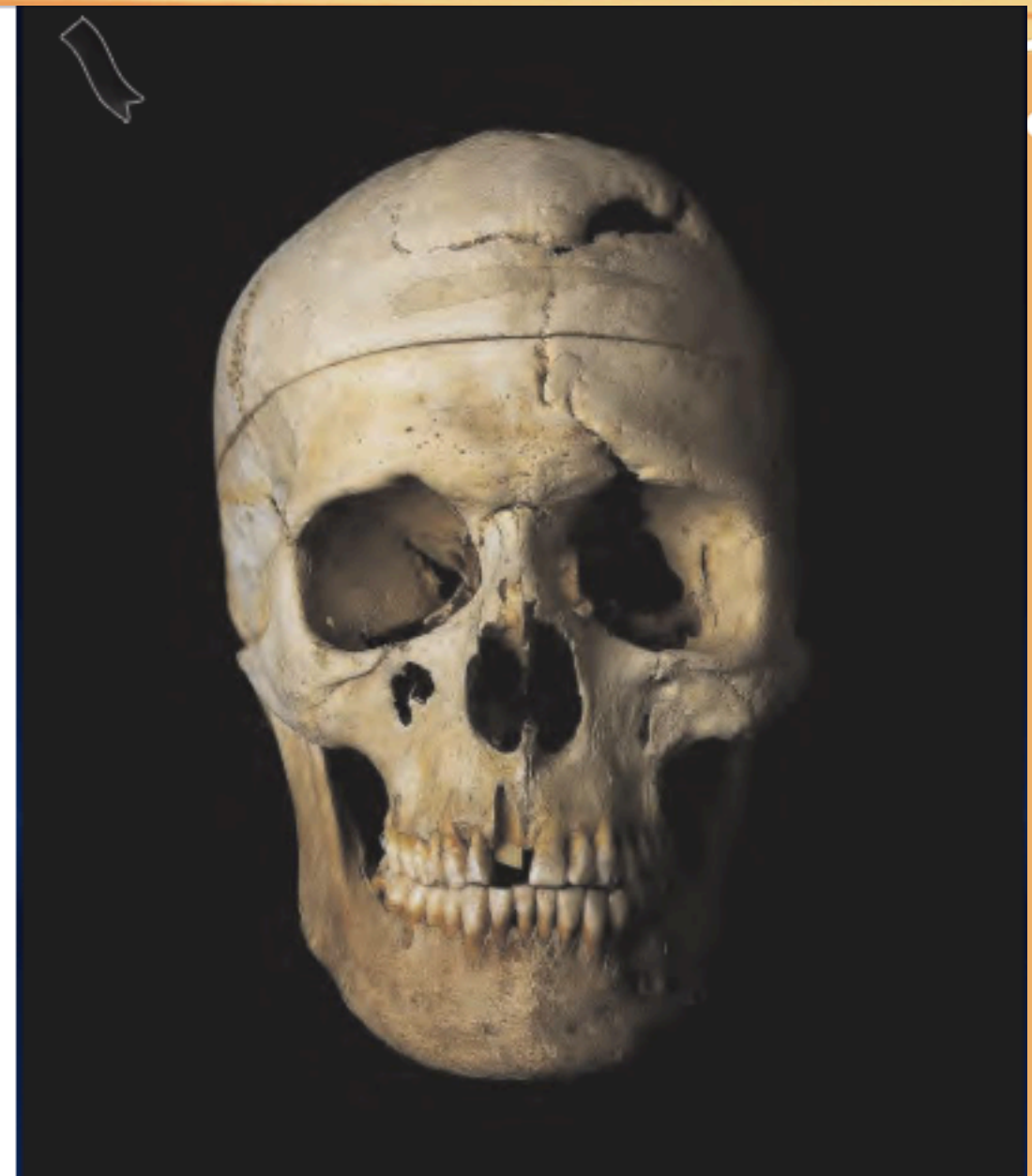
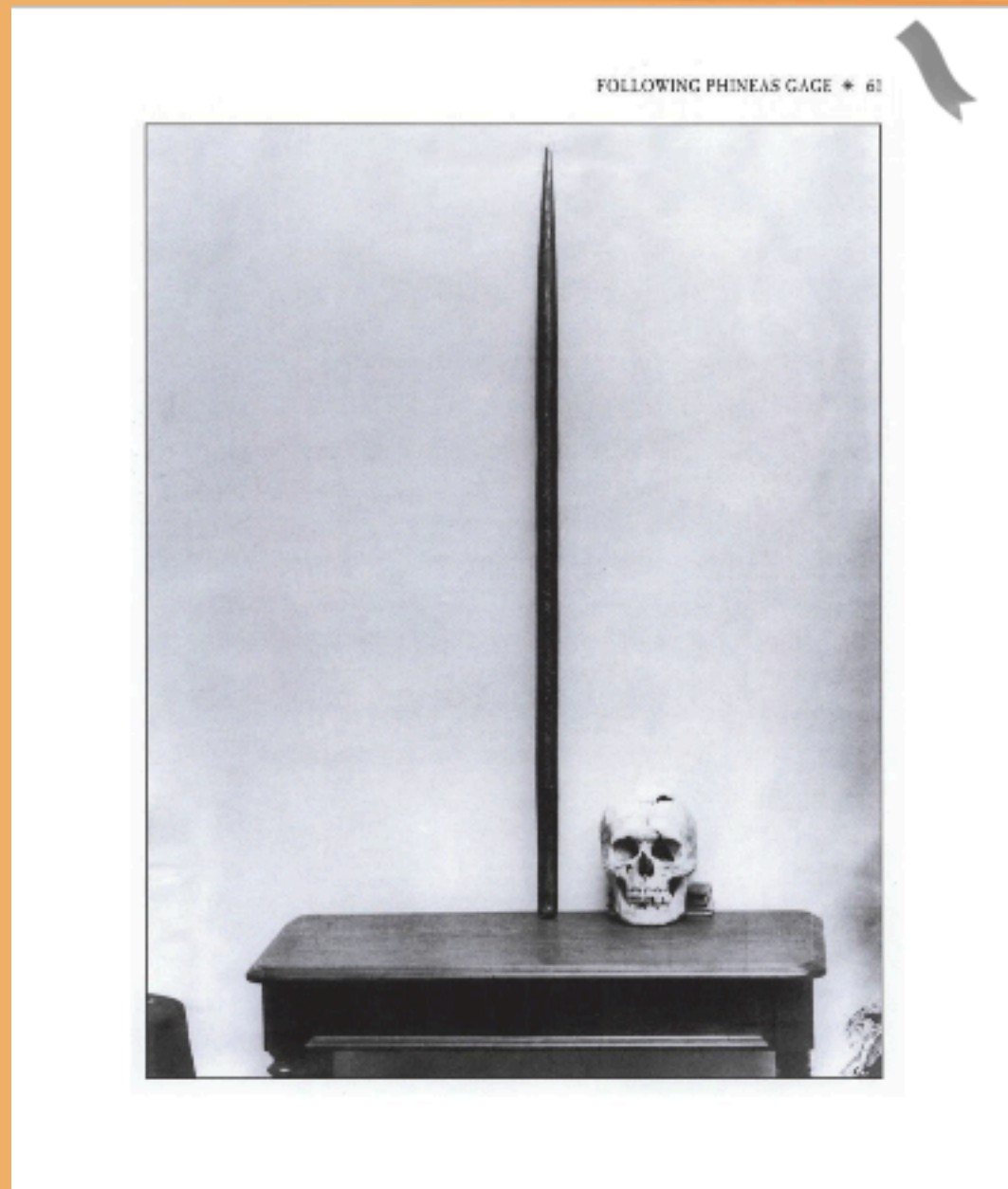


Some Cross Curricular Ideas Using Books

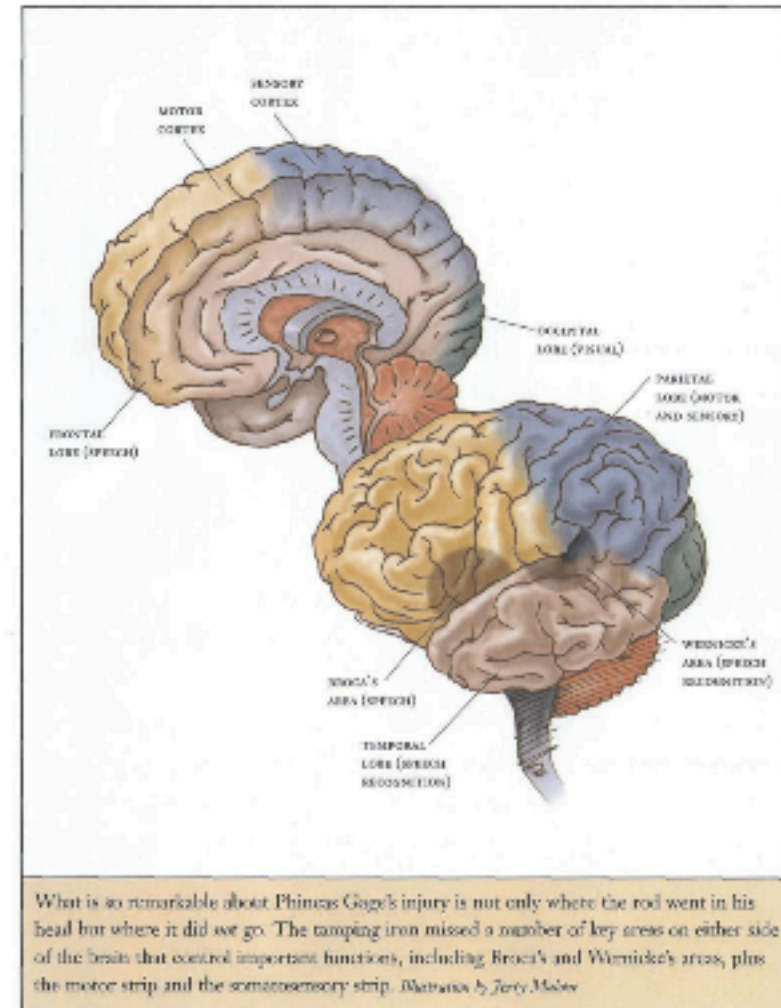




This has "Boy" written all over it!



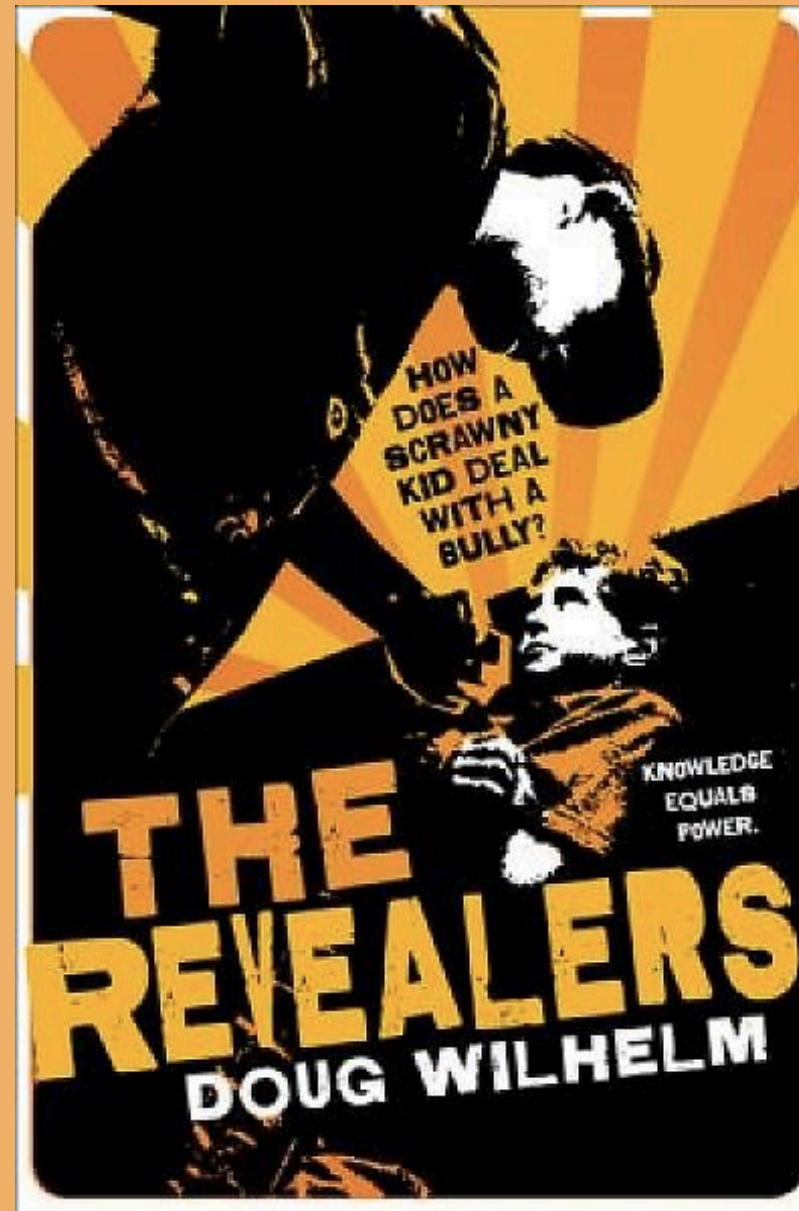
Same thing. Pretty amazing, eh?



What is so remarkable about Phineas Gage's injury is not only where the rod went in his head but where it did not go. The tamping iron missed a number of key areas on either side of the brain that control important functions, including Broca's and Wernicke's areas, plus the motor strip and the somatosensory strip. *Illustration by Jerry Meyer*

This book is an example of what is called "Exemplar Text"

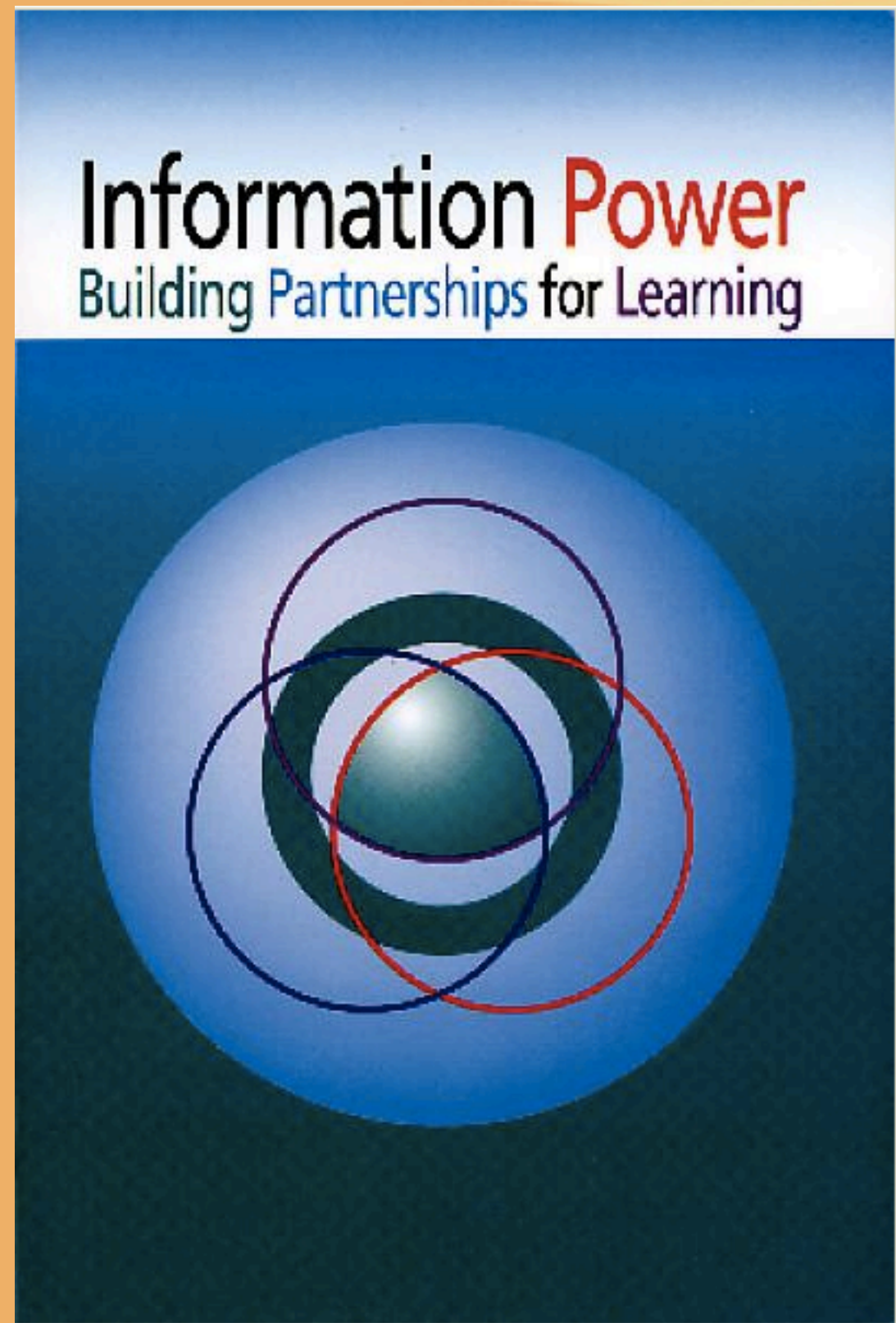
Here is a great book for bullying:



027.80?

Anyone?

*It's worth a Free
Premium Cranium Core
Subscription for a year!*



In closing....

