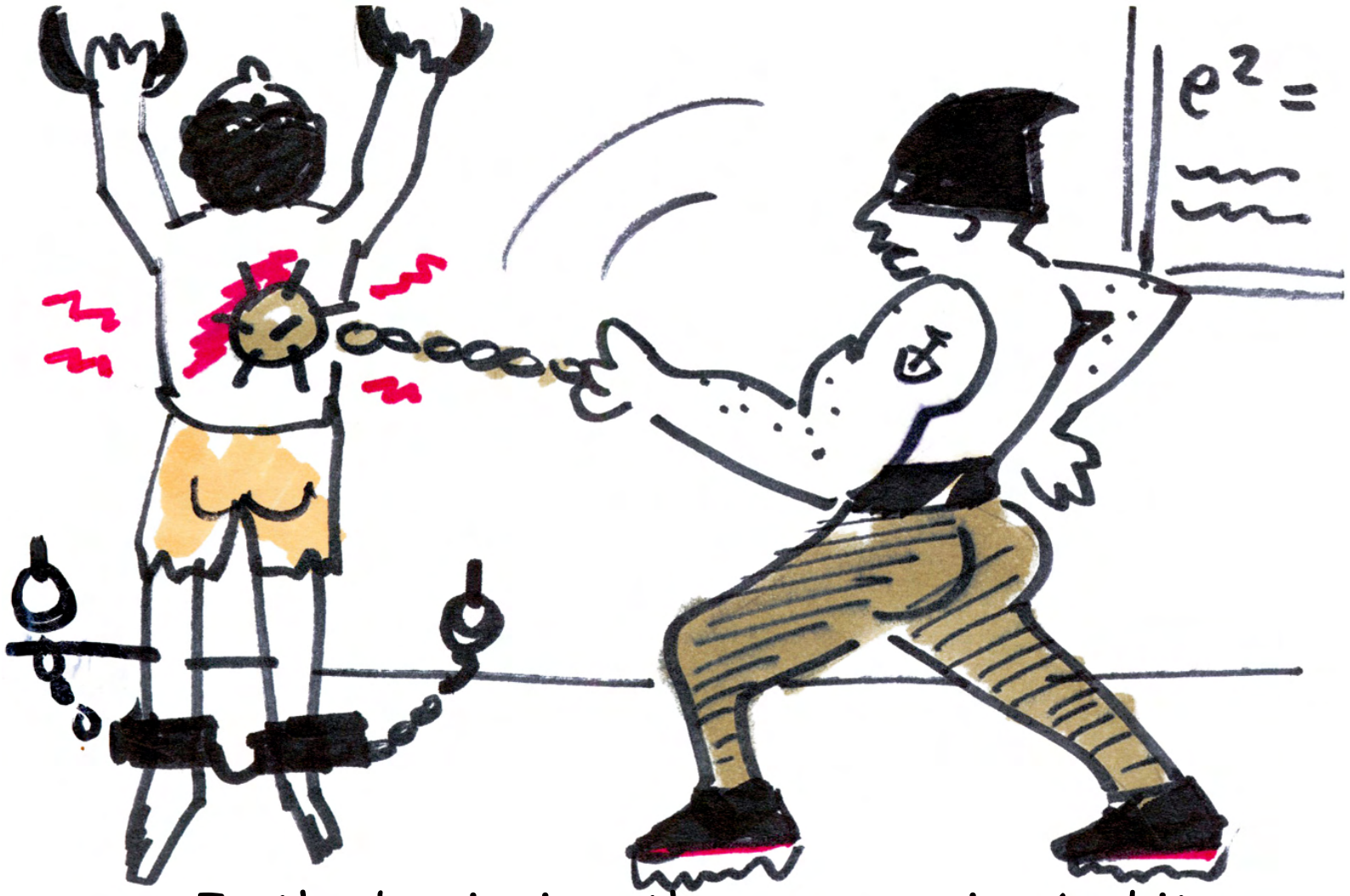
A Brief History of Teaching & Learning

... according to Elaine

FIT Fashion Institute of Technology
Center for Excellence in Teaching

PAIN

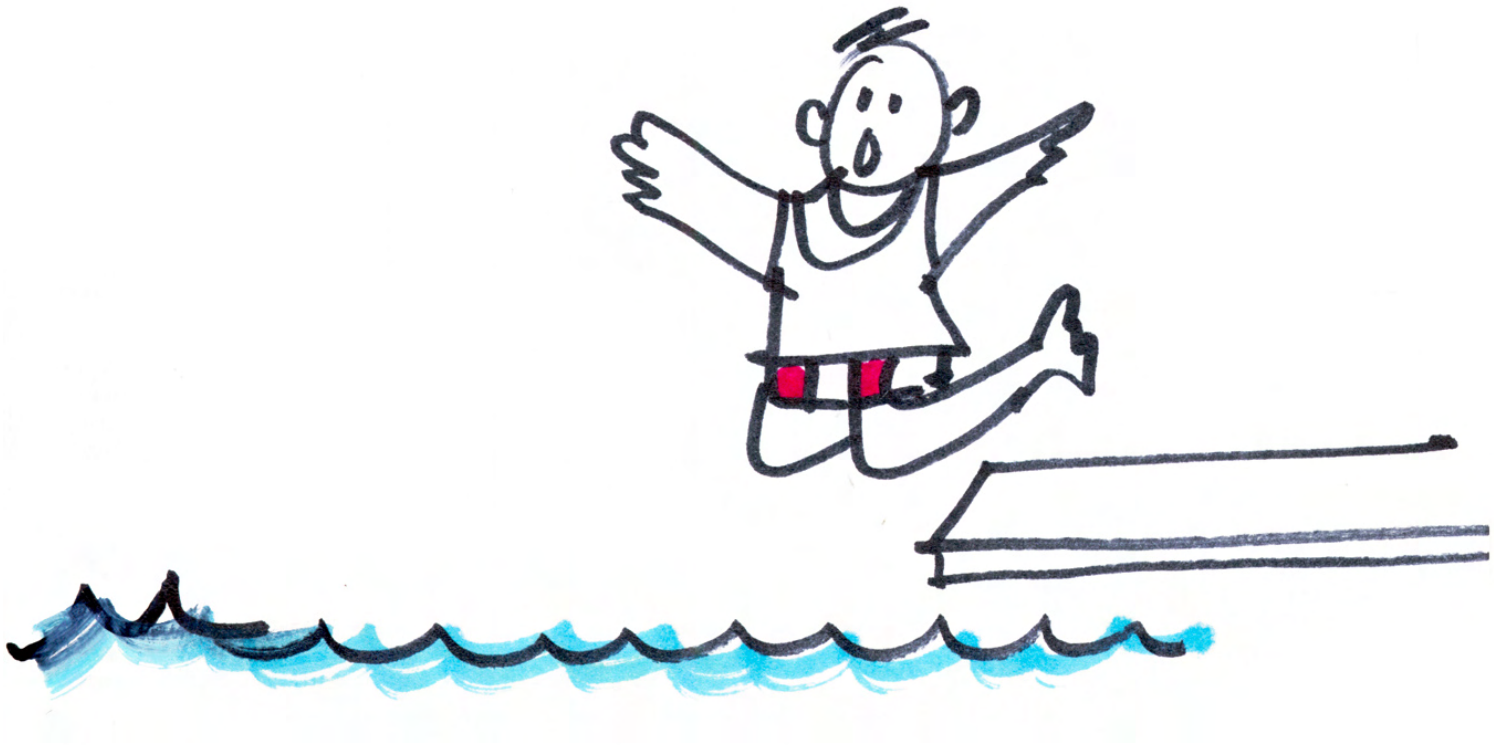


In the beginning, there was pain. And it worked….people generally don't put their finger in the fire twice!

HUMILIATION

Later came humiliation. **This also works**, but like pain, there can be unfortunate long term side effects…..

SINK OR SWIM



Some people think if you just throw students in, they'll figure it out.

Sometimes it works…

Sometimes not……

DRILL

Perhaps if you repeat it enough times or drill enough times, the student will learn it…?? Hmmm…..

YOU'RE SO SMART.. STUDY MORE!

Then there is the psychological approach… very popular with parents. "If you just try harder you'll learn it"…

TECHNOLOGY

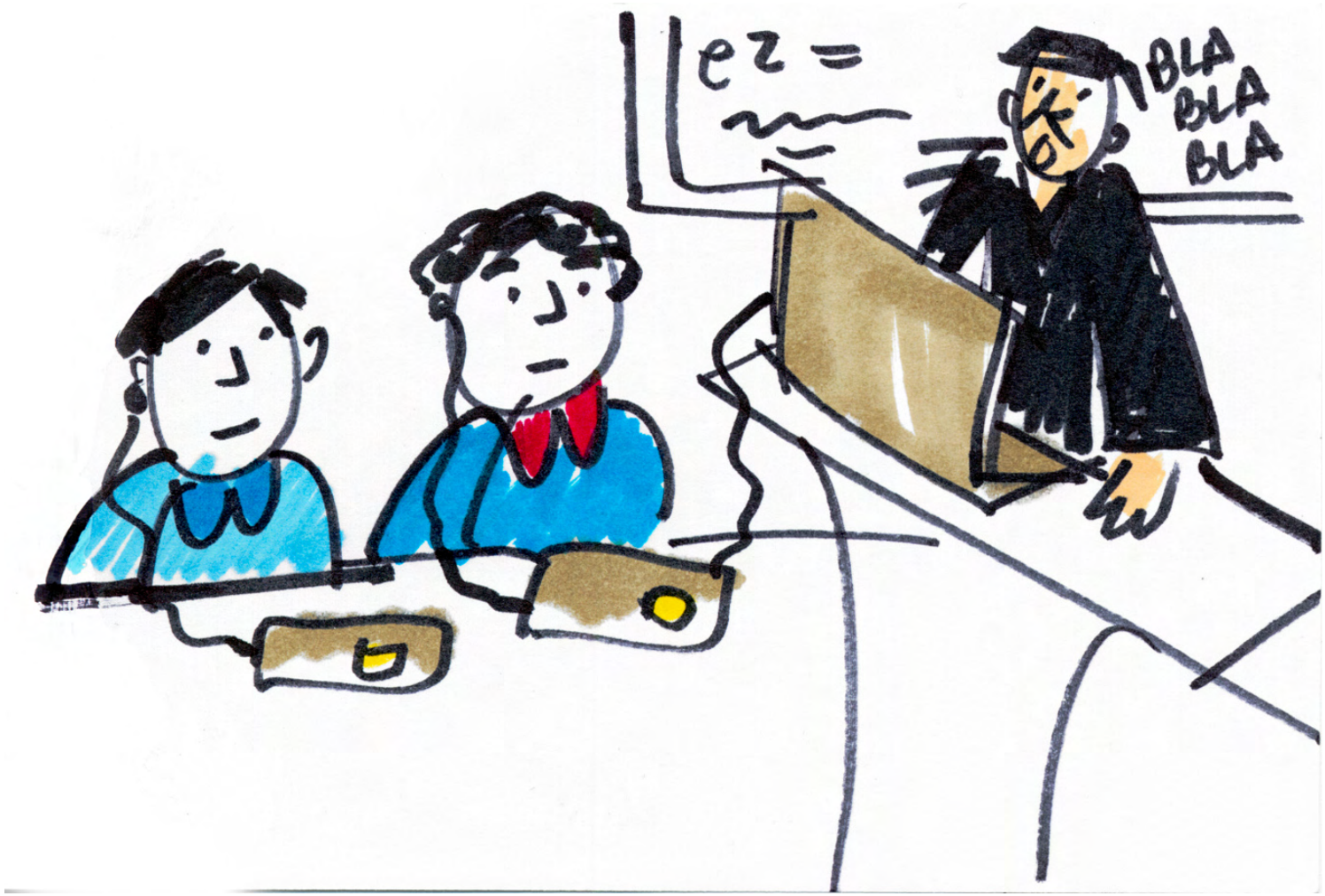
If all else fails—perhaps the computer can teach it!

Ah! The classic lecture. Here, the teacher is very busy and the students watch & listen. The big problem is that educational research tells us that we learn the most from doing.: *active learning.*

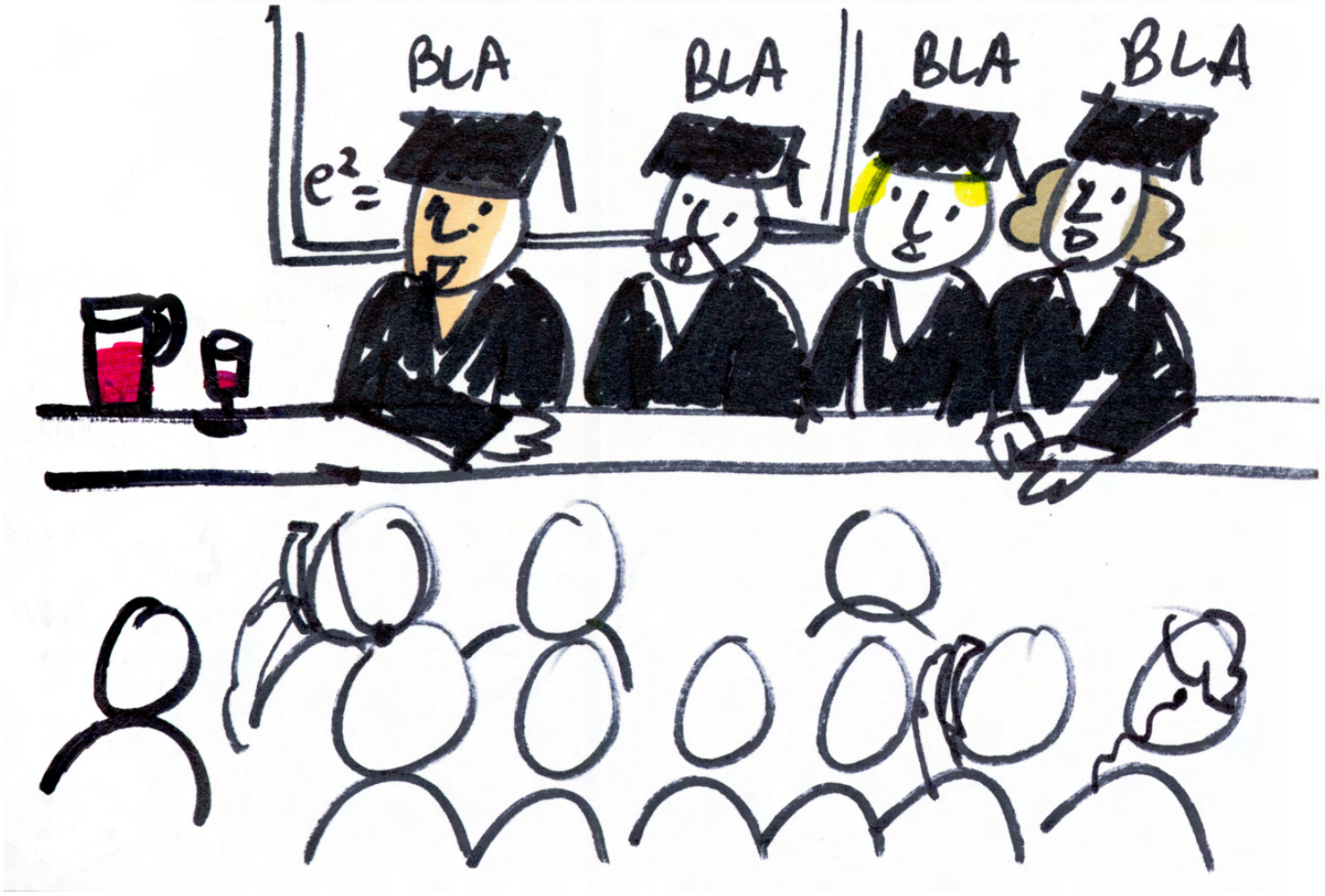
The classic lecture can also be delivered electronically—with a Smart Board, for example.

The classic lecture during observation week..

Teachers love great demos—they're fun! We see them a lot during observation week as well.



The classic lecture can also be delivered via iPod or other listening device.



Here's the panel lecture. It's clearly less work for each presenter, who delivers $\frac{1}{4}$ lecture.

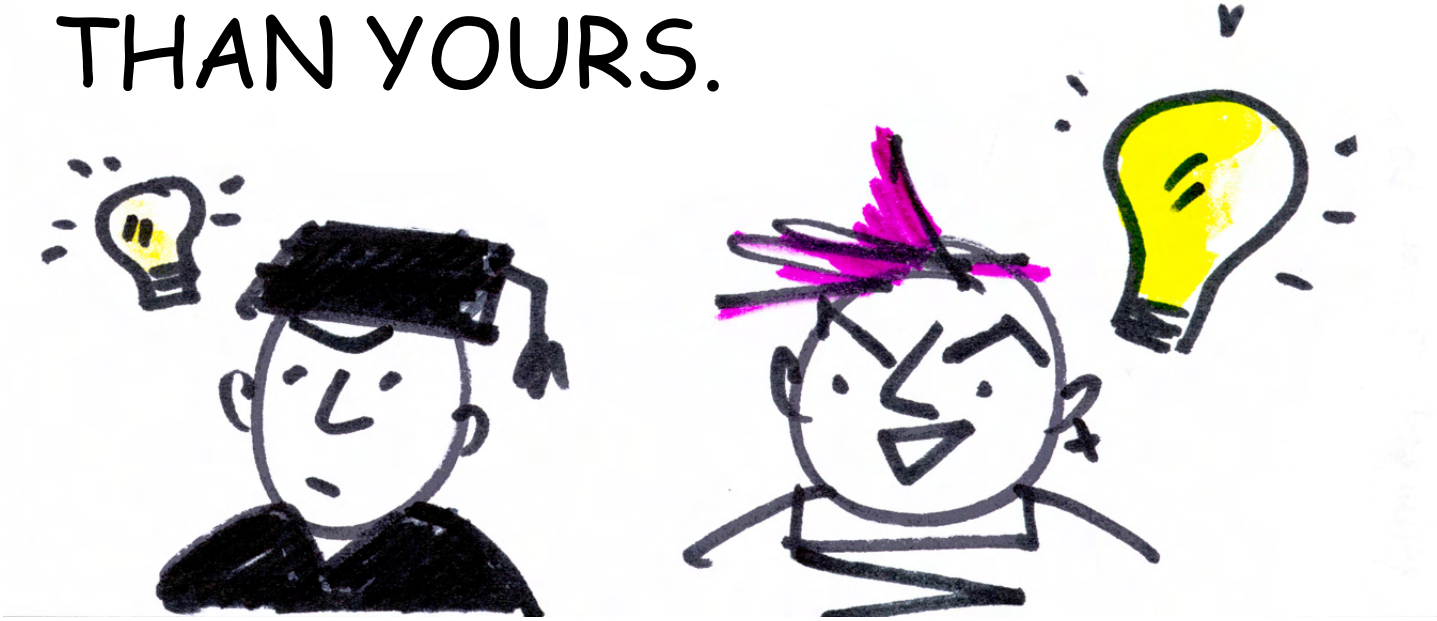
The biggest problem in all of these teaching examples is that we assume the teacher is the source of all the **knowledge,** and he/she will fill the student's head.

REALLY?

HERE ARE TWO PROBLEMS TO CONSIDER:

PROBLEM #1

STUDENT MAY HAVE A BRAIN CAPACITY BIGGER THAN YOURS.



In other words—the student may be able to learn more than you have to give.

PROBLEM #2

THE INFORMATION YOU SHARE MAY BE OBSOLETE IN A WORLD YOU MIGHT NEVER SEE.

This is especially true in Technology.

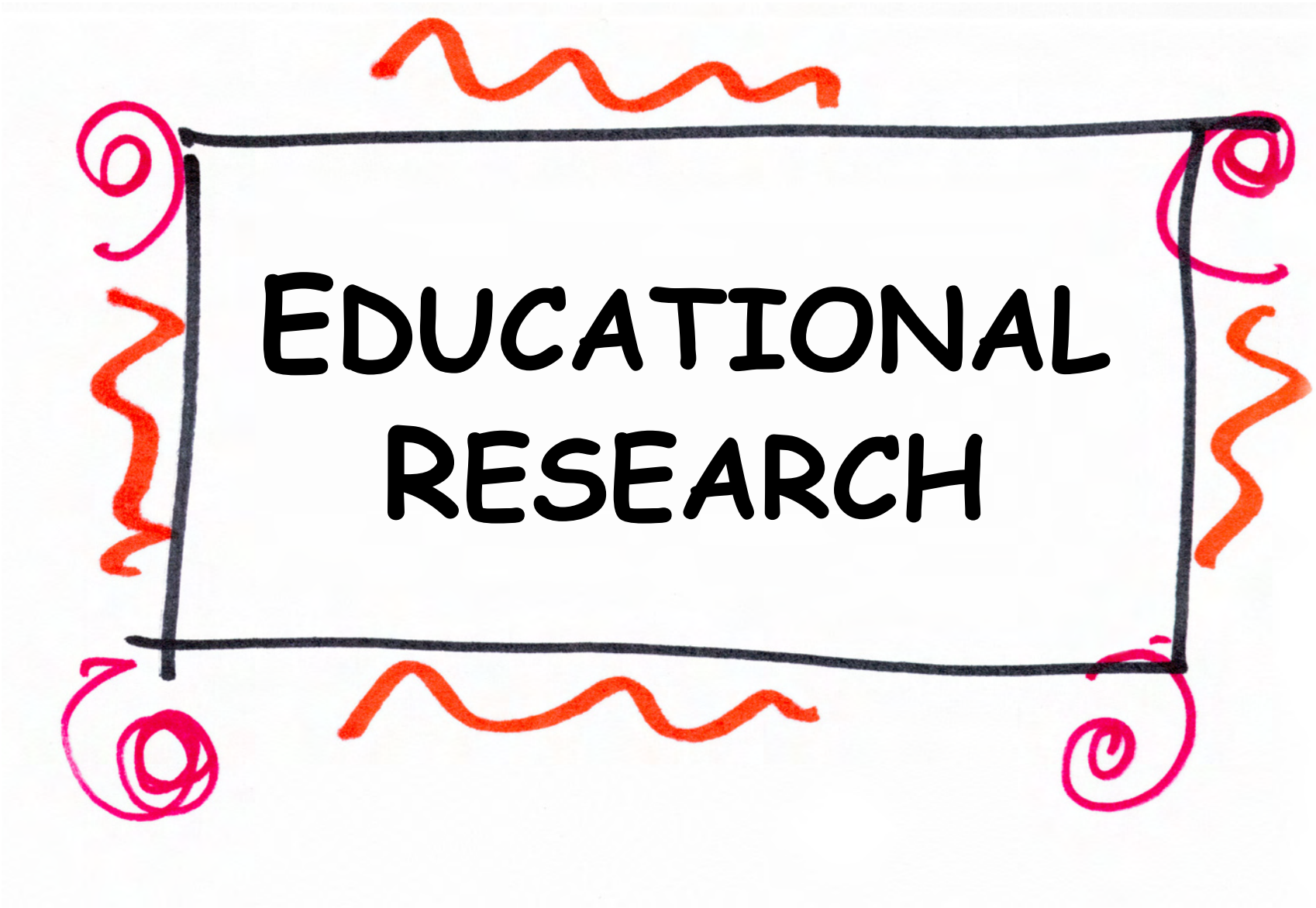
IDEAS?

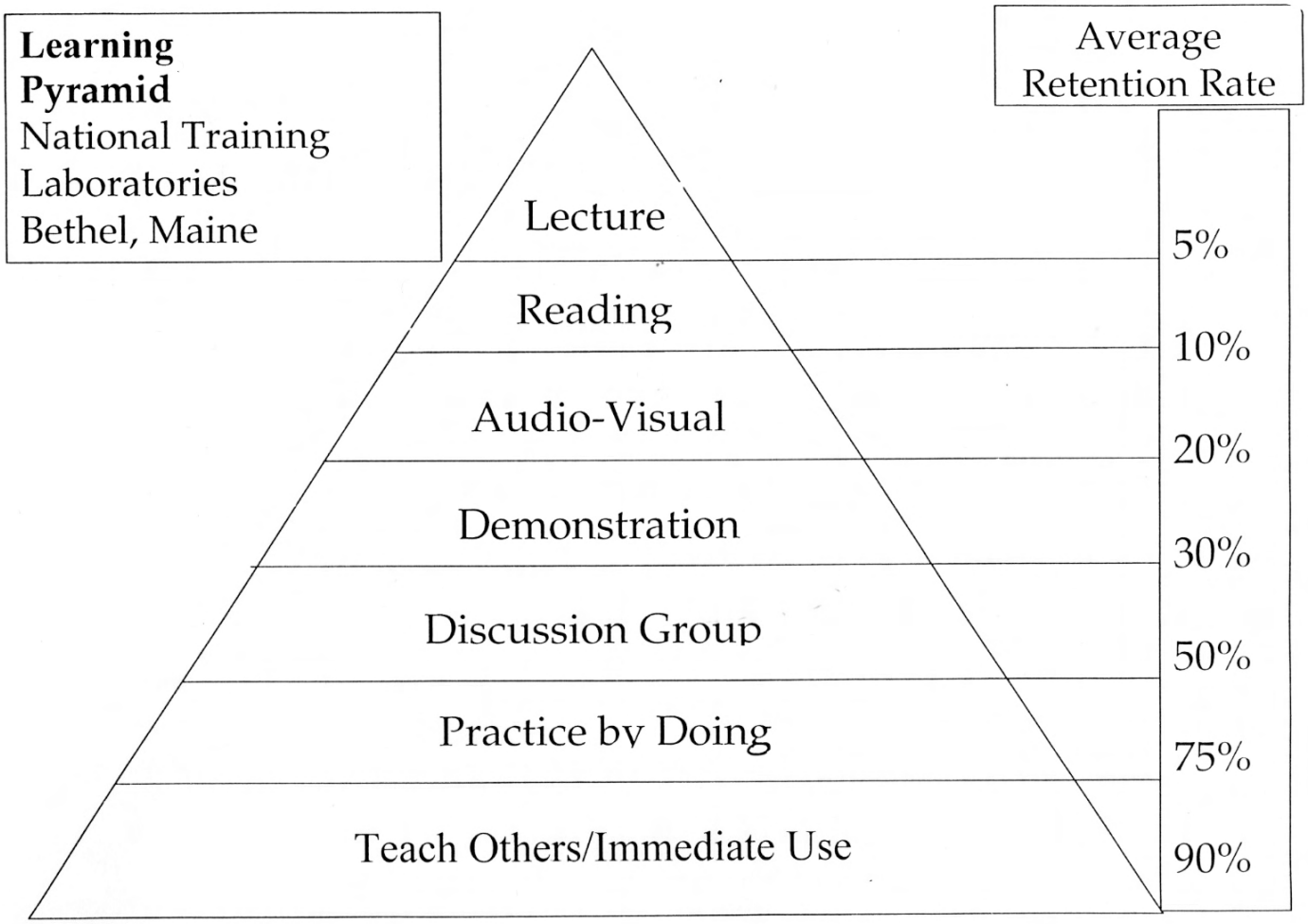
BE SURE TO GIVE STUDENTS THE TOOLS TO LEARN, NOT JUST THE INFORMATION.

EDUCATE NOT JUST FOR NOW, BUT FOR THE FUTURE.

Do you recall that old saying? Give a man a fish and he will eat today. Teach him to fish and he will eat for a lifetime.

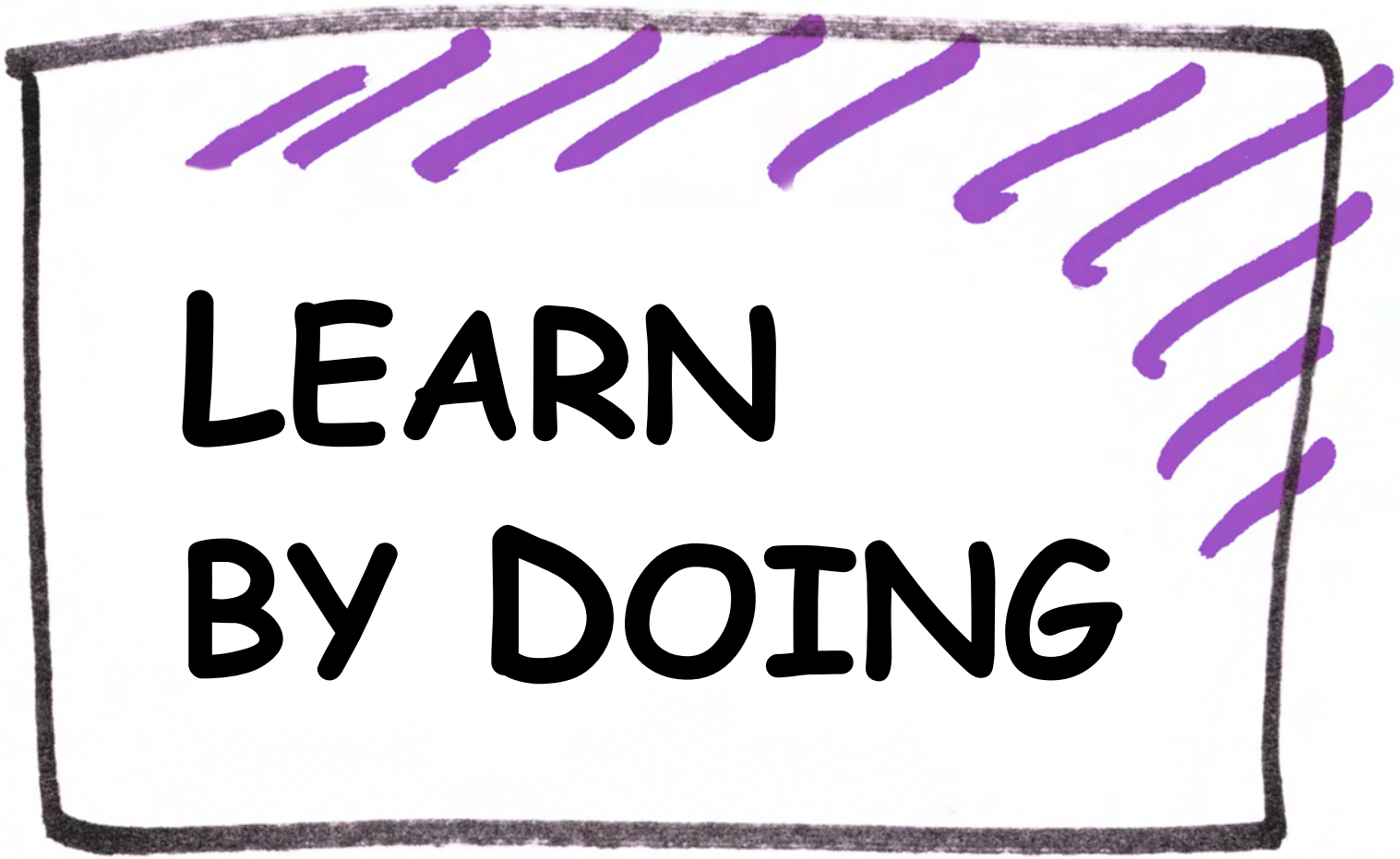
Some people feel teacher training and faculty development are not necessary. "Some people are just natural-born teachers." This is a drawing **of** my husband who is an architect. He tells me he's never met a woman who wasn't a natural-born interior designer.


EDUCATIONAL
RESEARCH



As you see, we learn the most by doing and by teaching others. Educational Research!


ACTIVE
LEARNING


LEARN
BY DOING

REMEMBER:

THE TEACHER IS NOT THE SOURCE OF ALL KNOWLEDGE -

BUT THE GUIDE IN SEARCH OF KNOWLEDGE.

GENERAL TIPS

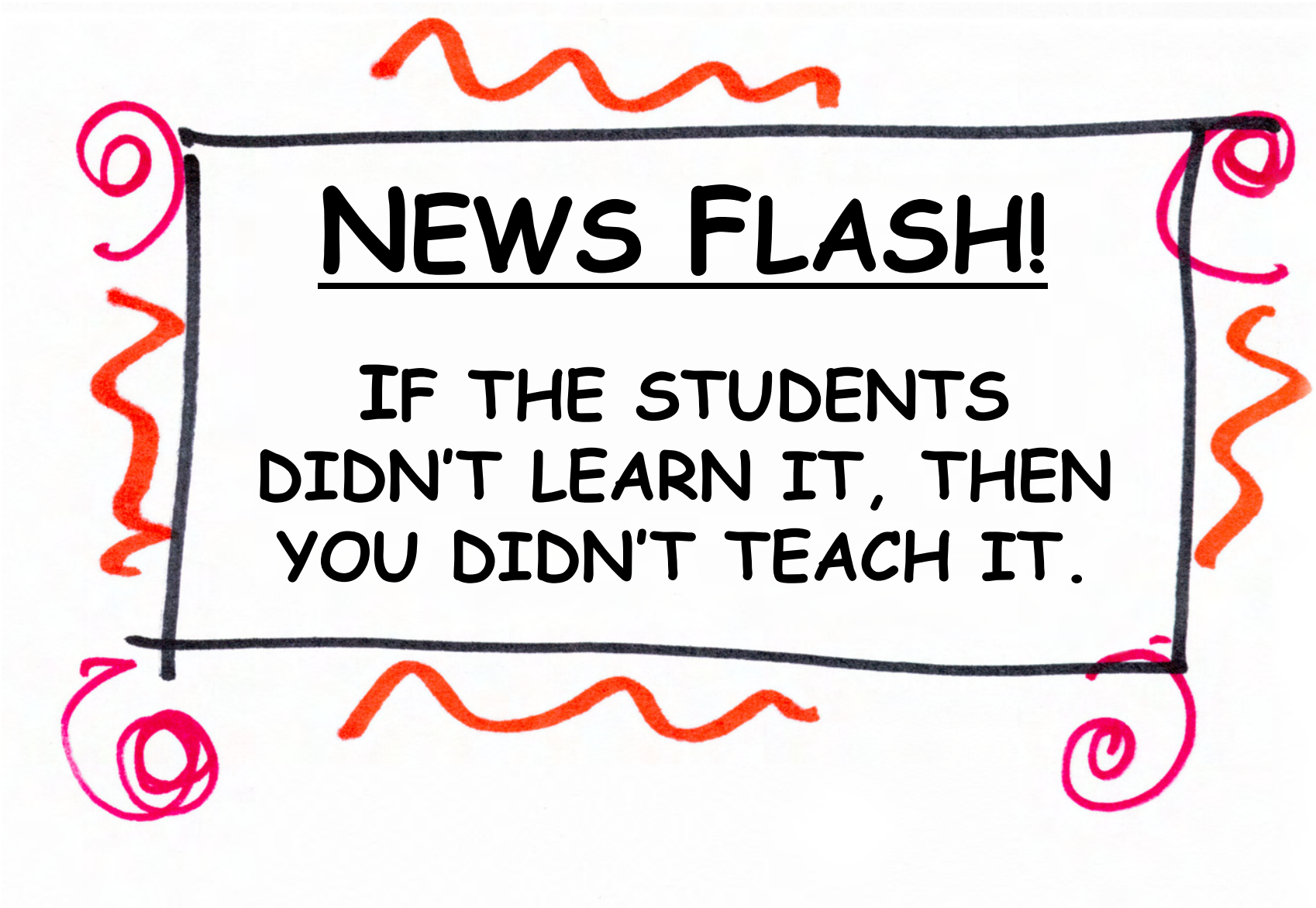
- ✓ IF YOU LECTURE OR DO DEMOS, CONSIDER THE LENGTH OF TIME.
- ✓ BE SURE MOST OF THE "ACTIVE" WORK IS DONE BY STUDENTS.

GENERAL TIPS

- ✓ SET UP CLASSROOM (F2F, ON-LINE, STUDIO, ETC.) TO SUPPORT DISCOVERY AND LEARNING.
- ✓ PROVIDE CUTTING EDGE TOOLS AND TECHNOLOGY.

GENERAL TIPS

- ✓ VARY STRATEGIES TO INCLUDE DIFFERENT LEARNING STYLES.
- ✓ ASSESS EVERY CLASS AND STRIVE TO IMPROVE EACH TIME.


NEWS FLASH!
IF THE STUDENTS DIDN'T LEARN IT, THEN YOU DIDN'T TEACH IT.

ACTIVE & COOPERATIVE LEARNING

BY
DR. WESLEY HILER
&
DR. RICHARD PAUL

KEY BOOKLET POINTS:

- ✓ DURING LECTURES ASK THE CLASS QUESTIONS TO AROUSE CURIOSITY.
- ✓ USE STUDY QUESTIONS.
- ✓ GIVE A 5 MINUTE QUIZ AT THE START OF EACH CLASS.
- ✓ USE CHARTS.

- ✓ TEACH THE PRINCIPLES OF CRITICAL THINKING ALONG WITH THE SUBJECT MATTER.
- ✓ GET STUDENTS TO KNOW EACHOTHER.
- ✓ SPEAK LESS SO THAT STUDENTS THINK MORE.
- ✓ BE A MODEL.

- ✓ USE SOCRATIC QUESTIONING.
- ✓ PROMOTE COLLABORATION.
- ✓ HAVE STUDENTS DO PRE-WRITING.
- ✓ GIVE WRITTEN ASSIGNMENTS THAT REQUIRE INDEPENDENT THOUGHT.

- ✓ HAVE STUDENTS EVALUATE EACH OTHER'S WORK.
- ✓ USE LEARNING LOGS.
- ✓ ORGANIZE DEBATES.
- ✓ HAVE STUDENTS EXPLAIN THEIR CURRENT ASSIGNMENT AND ITS PURPOSE.

- ✓ HAVE STUDENTS DOCUMENT THEIR PROGRESS.
- ✓ BREAK PROJECTS DOWN.
- ✓ PROMOTE SELF-ASSESSMENT.
- ✓ TEACH FOR USEFULNESS.

WANT TO KNOW MORE?

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