

THERE AND BACK AGAIN:
A JOURNEY THROUGH LEARNING SPACES

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## MY RANT AND THE PREMISE OF THIS WORK:

WHAT DO WE MEAN BY:
"LECTURE"
"ACTIVE-LEARNING"
"BEST PRACTICES"
"INNOVATION"
"PERFORMANCE"
? ? ?
"THERE ARE NO
PRIMARY EFFECTS." ERIC AMSEL

STEM
Best Practices Conference


Figure 1.11. Revealing information bit by bit is one of the most effective of all teaching methods to aid students in retention of material, to keep them from being distracted by information not yet presented, but revealed, and to enhance their interest. The overhead projector is ideally suited for this practice.



The Art of Black and White Photography



Improve your
Handwriting - Improve your Life



Sex Life: Improve your sex life

| $\star \star \star \star \star$ | 1 Reviews |
| :--- | ---: |
| $\mathbf{\$ 1 3 5} \$ 10$ | Vew course |



Run a Marathon ( 26.2 mile) With No (or Little) Training



Chemistry 101 - Part 1 Principles of Chemistry


# MY SABBATICAL JOURNEY 

Premise: We thnow we learn things in all Minds of contexts and we value altentate modes of learning What its there to learn from fhe variety of learning modes spaces and püposes?

## POINTS OF INTEREST

- NATIONAL PARKS: ARCHES, YELLOWSTONE, GRAND TETON, CANYONLANDS, MLK JR....
- MANDOLIN PLAYING, MUSIC LESSONS
- YELLOWSTONE COURSE
- 8TH GRADE CLASSROOMS
- ONLINE CHEMISTRY, PHOTOGRAPHY
- ONLINE COLLABORATIONS: RAVELRY, MINECRAFT
- DRESSAGE CLINIC
- WHISKEY MAKING CLASS, COFFEE SCHOOL
- VISIT MY ALMA MATER
- PROFESSIONAL LEARNING: TEACHING WORKSHOPS AND COMMUNITIES
- MUSEUMS: AMNH, MATH MUSEUM, OMSI, WONDERSHOP, GEORGIA AQUARIUM
- TEACHER DAY AT POETRY FESTIVAL
- "SCIENCE IN THE PARKS"
- AAPT, AERA, "SCIENCE EDUCATION AT THE CROSSROADS," ETC
- MARATHON TRAINING
- WRITING
- DANCE CLASS ...

BORN TO RUN?
RUNNING CONSIDERATIONS AND ADVICE:

How do I train for a marathon???

- trail versus road
- heel strike versus toe strike
- carbs and proteins, coconuts and avocados?
- training schedules and tapering schedules
- technology and tools

My Conclusion:
John McPhee says
"writing teaches writing," so I decided that
"running teaches running."
"FREE CHOICE LEARNING"
MUSEUMS AND PARKS







APPRENTICING

## WHISKEY MAKING CLASS



## APPRENTICING

## DRESSAGE



PROFESSIONAL LEARNING
DODGE POETRY FESTIVAL

PROFESSIONAL LEARNING

## AMBITIOUS SCIENCE TEACHING

CLASSROOMS

## "YOU CAN NEVER GO BACK"



CLASSROOMS
PERSPECTIVE TAKING

## CLASSROOMS

## CULTURAL CUES


see: dancesciencefest.org





## HIGHLIGHT REEL

A BODY IN MOTION



## DANCE CLASS IS NOT PHYSICS LAB:

- Sitting on floor; wearing tights
- "Dancers ..."
- Applause
- Group memory of phrases
- Vulnerability
- Responsibility and critique
- "Data" mined from dancers
- Creation and wrong paths


SCIENCE EDUCATION AT THE CROSSROADS:

## INTERSECTING PERSPECTIVE, CULTURE, AND SPACE



Countless positive learning
environments include tools:
trying on perspectives,
sharing cultures, and
exploring spaces.

But, these tools are also the goals.


You are here.
Share perspective, shape culture, and
make space.


