



How People Learn

AGEP California - Summer Teaching Institute 2019
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First, a Pop Quiz

What color is the blood in your veins?



Surprisingly, the answer to this question is relate to how people learn.

So, how do people learn?

In the simplest terms....

People learn by actively constructing knowledge through connecting new experiences to previous learning.

So what does that mean for us as faculty in the classroom, laboratory, or the field?



Six String Activity



Four key features of learning

- Activation
- Exploration
- Reflection
- Action



Activation

- Surface prior knowledge
- Motivate
- Ignite curiosity



Exploration



- Active learning
- Hands-on/minds-on learning
- High Impact Practices (HIPs)

Reflection



- Confirm existing knowledge
- Expand understanding
- Modify misunderstanding

We do not learn from
experience... we learn
from reflecting on
experience.

- John Dewey

Action

- Applying new knowledge in a novel situation

Don't let your learning lead to knowledge. Let your learning lead to action.

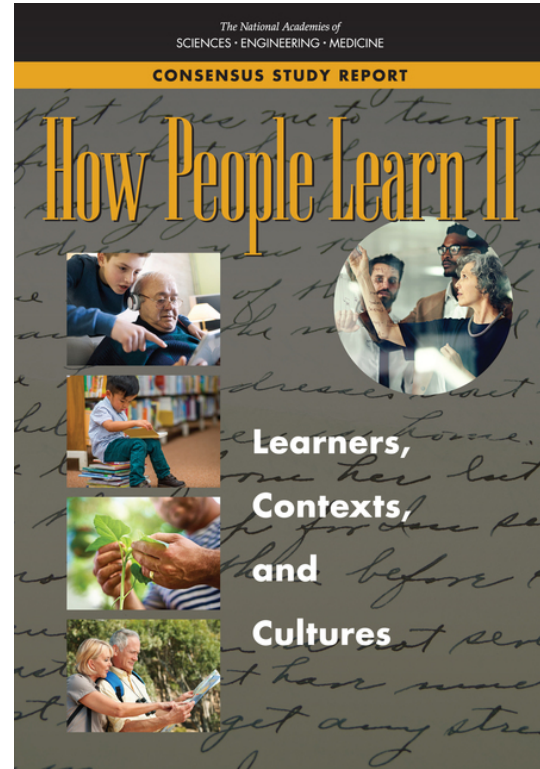
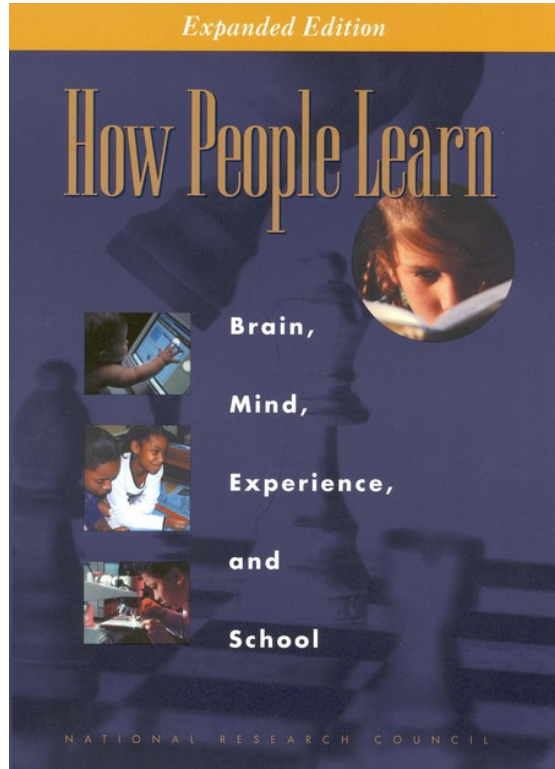
Jim Rohn

quotation

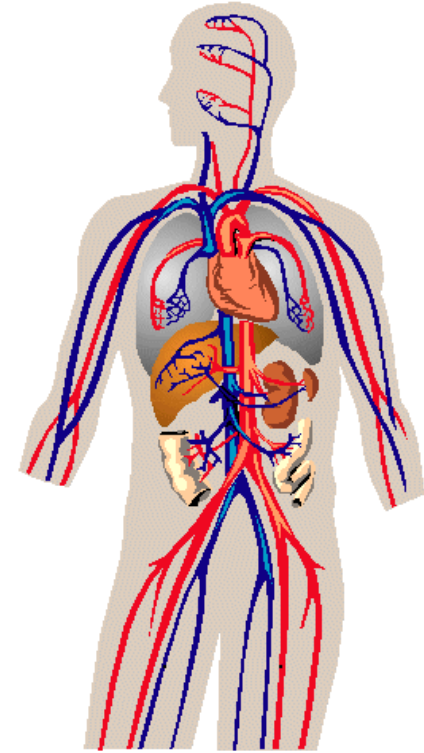
I would like to die on Mars. Just not on impact.

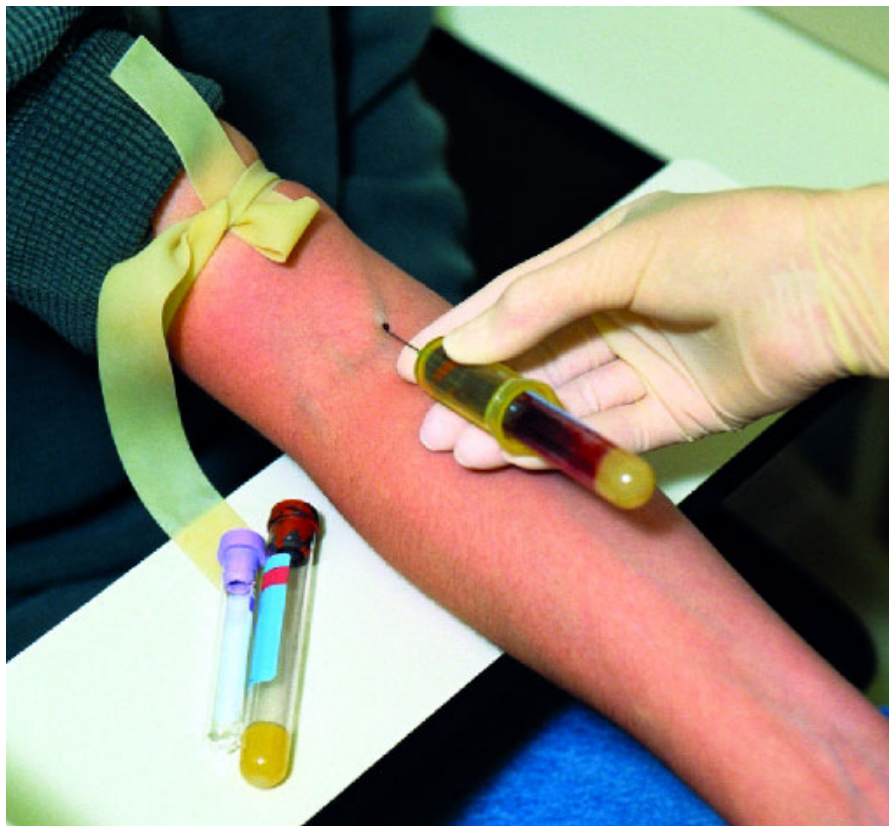
Elon Musk

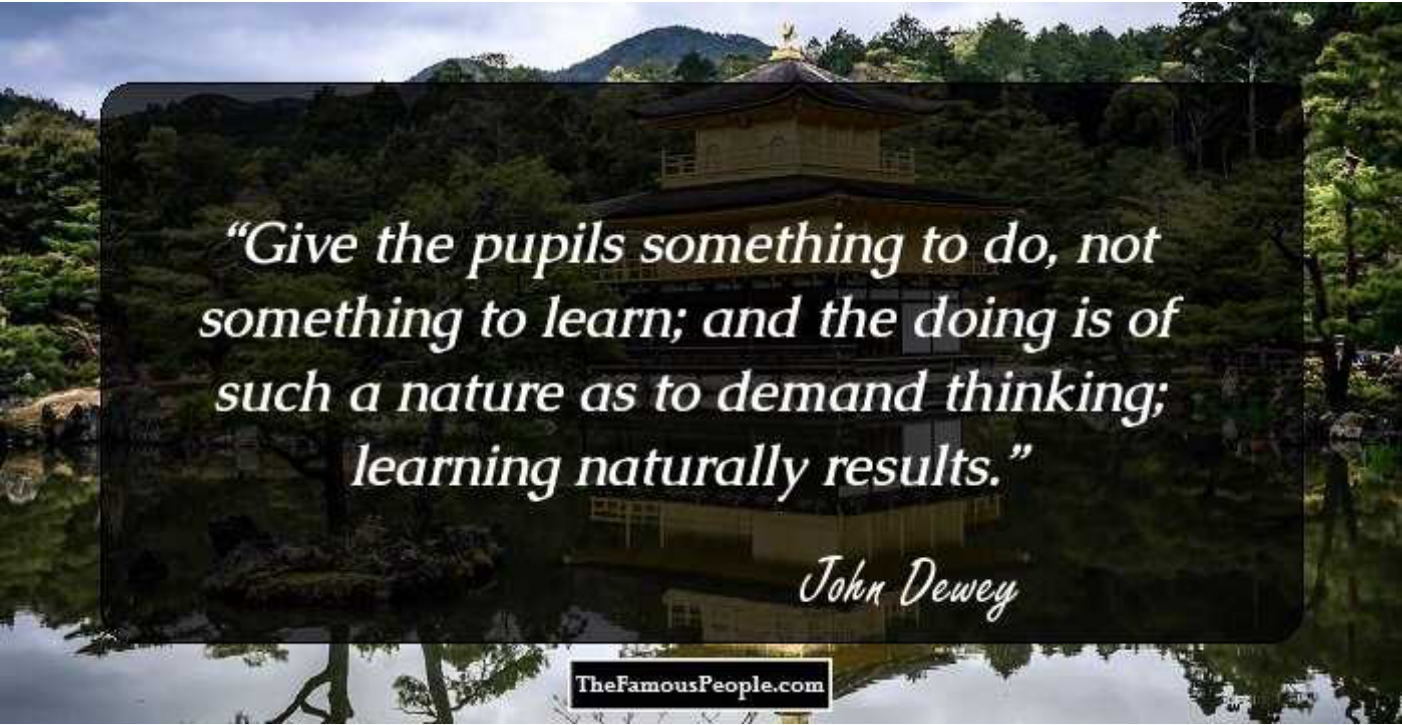
BrainyQuote



Back to that blood question.....







*“Give the pupils something to do, not
something to learn; and the doing is of
such a nature as to demand thinking;
learning naturally results.”*

John Dewey

TheFamousPeople.com