



"Incorporating Visual Learning in the Classroom"

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A picture is worth a thousand words



Confucius, 450 BC

- "TELL ME AND I WILL FORGET. SHOW ME AND I MAY REMEMBER. INVOLVE ME AND I WILL UNDERSTAND."



Learning Types

- **VISUAL LEARNERS** (approximately 65 percent of the population) This type of learner is best at collecting information with their eyes. This includes looking at visual images or reading text. Visual learners usually prefer graphics, illustrations and charts. They are able to remember details and ideas in picture form, typically what they've seen before.

Learning Types

- **AUDITORY LEARNERS** (approximately 30 percent of the population) This type of learner is best at collecting information with their ears. This includes listening and talking. Although easily distracted, auditory learners learn by memorizing sound. For instance, they learn instructions by repeating them over and over again, even in silent form. They often like background music to block out interrupting noises.

Learning Types

- **KINESTHETIC LEARNERS** (approximately 5 percent of the population) This type of learner is best at collecting meaning through touch and movement. Kinesthetic learners learn through physical interaction; most are young children. In essence, touching is a way of seeing.

What's missing?

- $65+30+5=90$
- Visual
- Auditory
- Kinesthetic
- <http://www.vark-learn.com/english/>

Issues for the Visual Learners in Your Classroom

- They may have difficulty with oral directions, especially those with more than two steps.
- They often look to see what everyone else is doing.
- They have a keen sense of observation and need to be able to focus on the speaker, sitting close enough to pick up visual cues.
- Outside noises or background music impairs their ability to maintain attention, because many have difficulty filtering out sounds.
- They learn best when the assignment is demonstrated or illustrated rather than given orally. They have difficulty following lectures.
- They often do not remember information given orally without being able to see it. They memorize using visual clues. Even when doing oral spelling, they must first write the word.

Issues for the Visual Learners in Your Classroom

- They may appear to "zone out" during lengthy oral presentations.
- They often think in pictures, not words, and store visual images. For this reason, they process oral input slowly—because they must translate oral to visual imagery.
- They recall information better if allowed to read it silently first.
- During a lecture, they will write down everything they hear and will process it later. They will take notes even when given printed lecture notes in advance.
- They will perform poorly on oral or timed tests.
- They can often remember where they saw an item in their notebook or text. Their minds capture a mental image of the material.
- In summary, they must see it to learn it.
- [Patricia Vakos](#)

Learning Style Preferences of Generation Y

1. Holistic Learners
2. Making Tasks Real -
Real world analogies & elaboration strategies
3. Ludic (Play) Behavior
4. Active & Kinesthetic
5. Graphic/Visual
6. Customization

Other Learning Style Characteristics

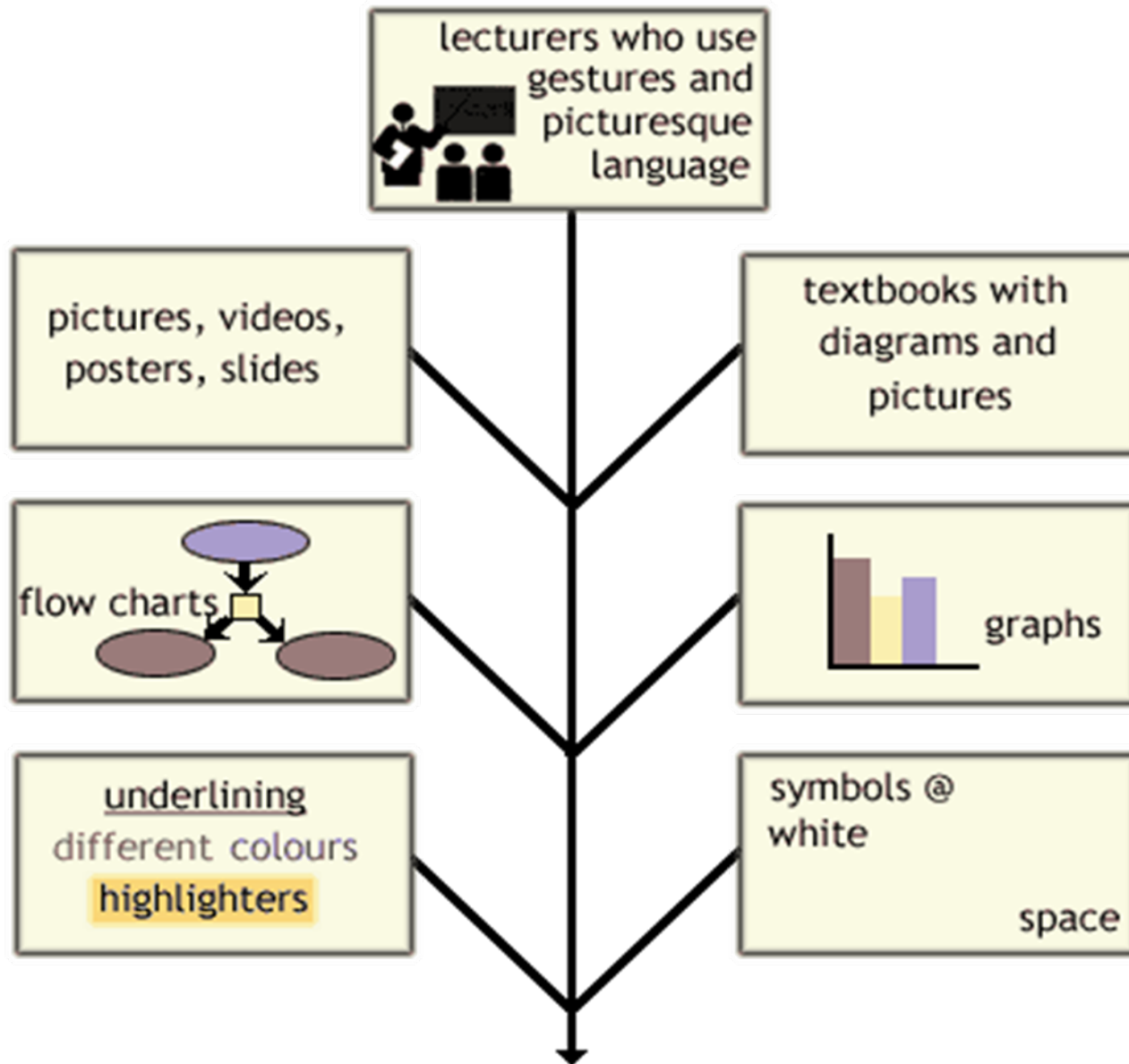
Motivation by technology.

Low threshold for boredom and short attention span.

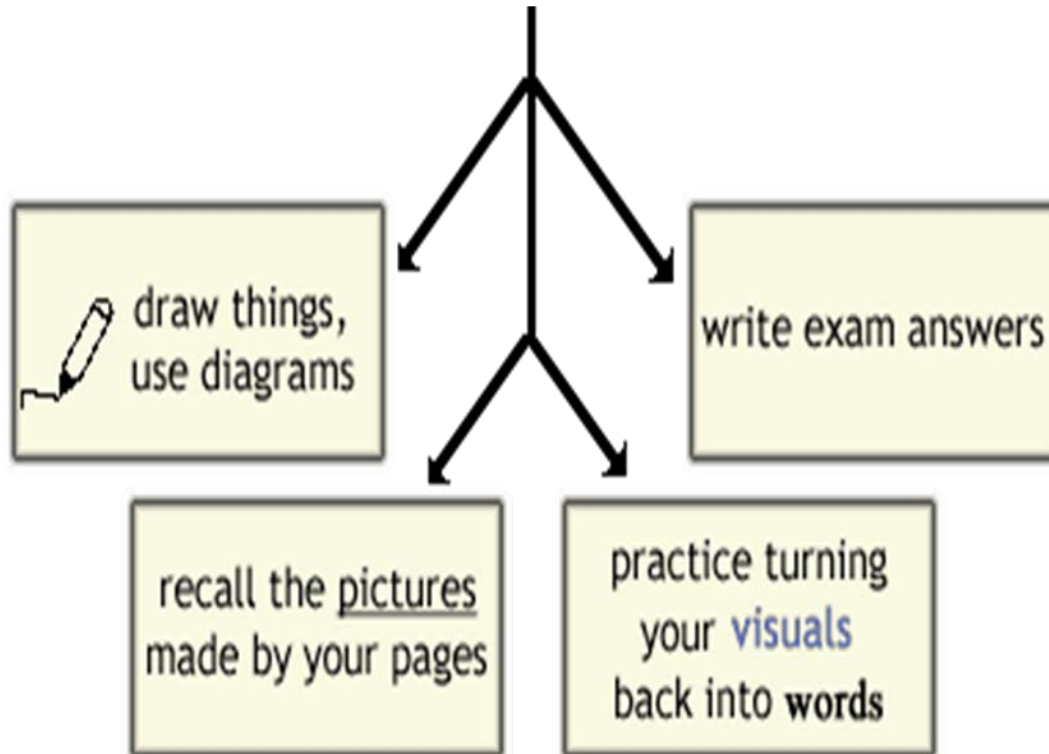
Desire for adults to act as their peers.

Memorization - not something they will do.

How to teach them



How they study best



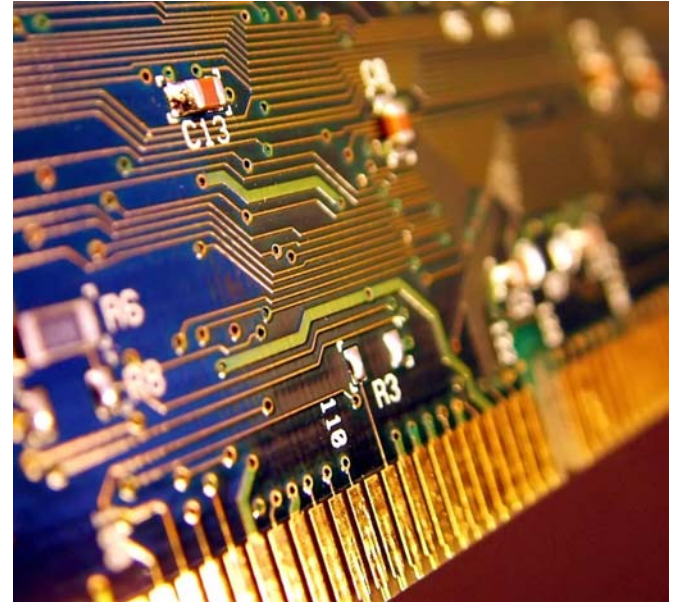
Old Nursing Saying

- See one
- Do one
- Teach one



Technology Favorites

- No cost, no training
- Google image.com
- Youtube.com
- Itunes.com
- Props and toys in the class



Google image.com

- <http://images.google.com/>
- **Images Showing: Results 1 - 20 of about 80,500,000 for dog [[definition](#)]. (0.05 seconds)**

You Tube

- <http://www.youtube.com/>
- “dog” video results **1 - 20** of about **638,000**

Podcasts

- The iTunes Store offers more than 100,000 audio and video podcasts from independent creators and big names like HBO, NPR, ESPN, The Onion, CBS Sports, and The New York Times.

<https://itunesu.calumet.purdue.edu/>

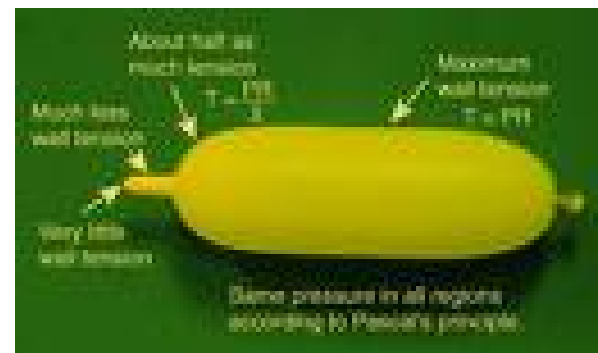
- <http://podcast.calumet.purdue.edu/users/tazbir/>



PodCast

Props and toys in the class

- Rubber bands
- Balloons
- Football gear
- Models



Renal Failure



Pre-renal
Think fluid!



Intra-renal
Think filter!



Post-renal
Think-
obstruction



I hope this helped you get the
“picture”

<http://www.youtube.com/watch?v=b1WJlxjxAZE>

Thank you for your attention!