

Looking in the past  
for guidance.

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What are you looking at?  
Do you see it?



# 20/20 is that all there is?

- Vision is improperly called and referred to as visual acuity by patients.... they say what's my vision doc?
- Visual Acuity is the measurement according to Snellen of appropriately being able to view a specific sized target at a specific distance.
- Eyesight is referred to as a mere level of sensory ability to collect information.
- Vision is more than that and more than the above overall sensory process.



# Light

- Is vision the mere collection of light?
- or is it the inference and use of light to achieve a process in the individual?
- or is it how light is perceived and used to a higher power of the being?





# I have seen the light ?

- The vision process is an example of how light can produce molecular changes with important consequences .....
- The eyes receive the light and contain the molecules that undergo a chemical change upon absorbing light, but it is the brain that actually makes sense of the visual information to create an image.
- Hence, the visual process requires the intricate coordination of the eyes and the brain.



# Eídolo

- Eídolo is the virtual or real image of the object viewed; an image or representation of an idea; a representation of an ideal form; an apparition of some actual or imaginary entity.
- Visual image ? Or more.....



# Body definitions/myths:

- brain = mechanistic wiring / hardware
- mind = Piaget coined it as higher thought processes / software
- noo = Greek word for highest level function includes integrating hardware and software



# One's Brain:

- the brain is an organ of soft nervous tissue contained in the skull of vertebrates, functioning as the coordinating center of sensation and intellectual and nervous activity.



# One's mind:

- the mind is the element of a person that enables them to be aware of the world and their experiences, to think, and to feel; the faculty of consciousness and thought.



# Piaget theory of the mind

Theory of mind is the ability to attribute mental states—beliefs, intents, desires, emotions, knowledge, etc.—to oneself, and to others, and to understand that others have beliefs, desires, intentions, and perspectives that are different from one's own.



# the word noo/nous

- the nous is the faculty of intellectual apprehension and of intuitive thought. ... It is identified with the highest and most divine intellect....noos is the rational part of one's inner self; hence it is often translated as "mind," but it is also a uniting or integrating force between emotions, wisdom and life-force.



# Nous

- Is this what Harry Wachs tried to get at?
- Piaget?
- Is this the term we are missing?
- let's look further.....



# Mind.....

- Theory of mind is the ability to attribute mental states—**beliefs**, **intents**, desires, emotions, knowledge, etc.—to oneself, and to others, and to understand that others have **beliefs**, desires, intentions, and **perspectives** that are different from one's own.



# Harry Wachs.....

- Thinking goes to school is the practice of the Piagetian theory.
- Life's essential is the story of the mind over the body.
- Used theory to incorporate visual spatial activities to "treat" visual problems.



# Mind and Vision

- We infer the theory of the mind through vision and language testing. The ability to infer others' mental states, e.g. intention and belief. Some early studies suggest language development help reasoning, to build a vision and language system which learns and understands the world. The way it understands other agents' intent is from its interpretation of visual perceptions.



# In the Eye's Mind

- One of the most persistent controversies of modern science has dealt with human visual perception. It erupted in Germany during the 1860s as a dispute between physiologists Hermann von Helmholtz, Ewald Hering, and their schools.



# Eye's Mind .... Vision

- We know the origins of our capacity to perceive space, over the retinal mechanisms that mediate color sensations, and over the role of mind, experience, and inference in vision.



# Eye of the Body vs. Eye of the Mind

- Vision: The Eye of the Body and the Eye of the Mind in Saint Augustine's "De trinitate" and "Confessions"
- He described two types of vision, the eye mechanistically as we are aware and a higher level eye of the mind.



# Skeffington's definition

- Vision is the deriving of meaning and direction of action as triggered by light, it is an emergent from the balanced interplay of each of the sub-processes that compose the four circles. Any limitation in any of the sub-processes will result in a compromise in the efficiency and processing ability of the total process of vision.





# Visual problems

- Knowing what Vision is then we can try to solve any issues with it ... Bruce Wolff stated that "Most visual problems are problems of omission, not commission."



# Healing .....

- the process of making or becoming sound or healthy again.
- Many times we see Visual problems that we try to "heal" by causing adaptations to the visual system to work with less stress.
- Can healing the visual problem heal the Nous ?
- Can healing the Nous heal the visual problem?



“Knowledge is love and light and vision.”

-Helen Keller