



A LOOK INTO THE LIFE OF THE SENSES: INTRODUCING EDUCATIONAL EMOTIONCY PYRAMID

REZA PISHGHADAM (Ph.D.)

Professor of Language Education
Professor by Courtesy of Educational Psychology
Ferdowsi University of Mashhad, Iran
rpishghadam@yahoo.com



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MAP



1. Philosophy

2. Sociology

3. Psychology

4. Education

PHILOSOPHY



Empiricist
(Aristotle, Locke)

Nativist
(Plato, Descartes)

Developmental
integration view

Developmental
differentiation view

Embodied cognition

Disembodied cognition

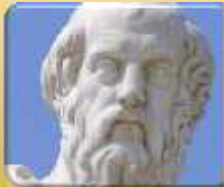


ARE THE SENSES EQUAL?



Socrates: Reason or Senses?

- Senses reveal things (appearance) but the mind reveals ideas (reality).



Plato: Reason over Senses

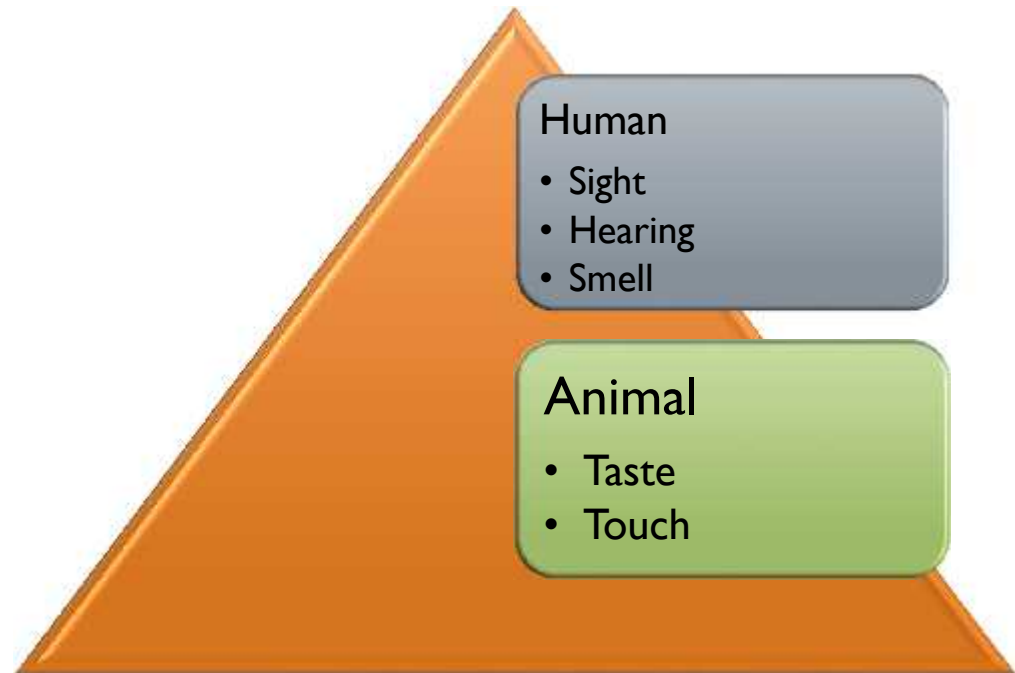
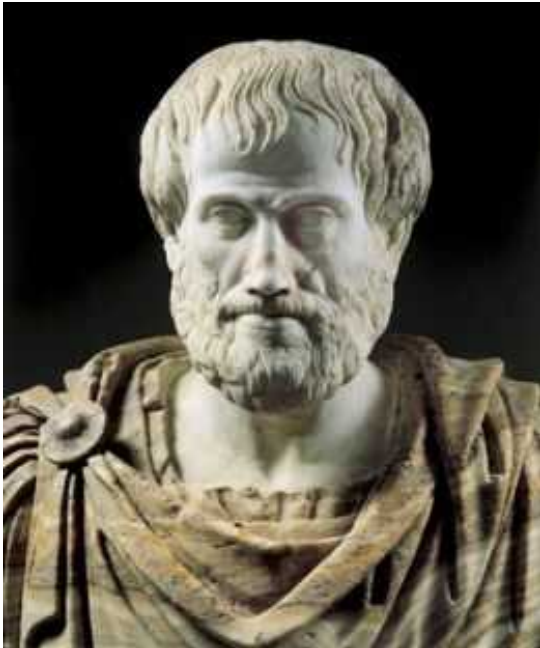
- Sense of sight is the foundation of philosophy, leading to God and Truth.
- Sense of sight is the noblest of the senses and the humanity's greatest gift.



Goethe

- If the eye were not solar/How would we perceive light.

ARISTOTLE'S RANK ORDERING OF THE SENSES



CHRISTIANITY'S AMBIVALENCE TOWARDS THE SENSES

Sensory gratification
Sensory abstinence
The feast-fast oscillation



FEUERBACH AND DESCARTES

Cogito ergo sum



Descartes

Cogito, ergo sum

I know even bodies are not perceived by the senses... but by the intellect alone.

**I FEEL
THEREFORE
AM**



Feuerbach

Sentio, ergo sum

I can eat without thinking but I can't think without eating.

HEGEL'S HIERARCHY OF THE SENSES

Animal



Mouth

Nose

Eyes

(Ears)

(Skin)

Humans



Forehead

Eyes

Ears

Mouth

Nose

Chin

Hair



RACIAL HIERARCHY OF THE SENSES (OKEN)



European



Eye-man
(Ocularcentrism)

Asian



Ear-man

Native American



Nose-man

Australian



Tongue-man

African



Skin-man

GENDER



Male

- Vision
- Hearing



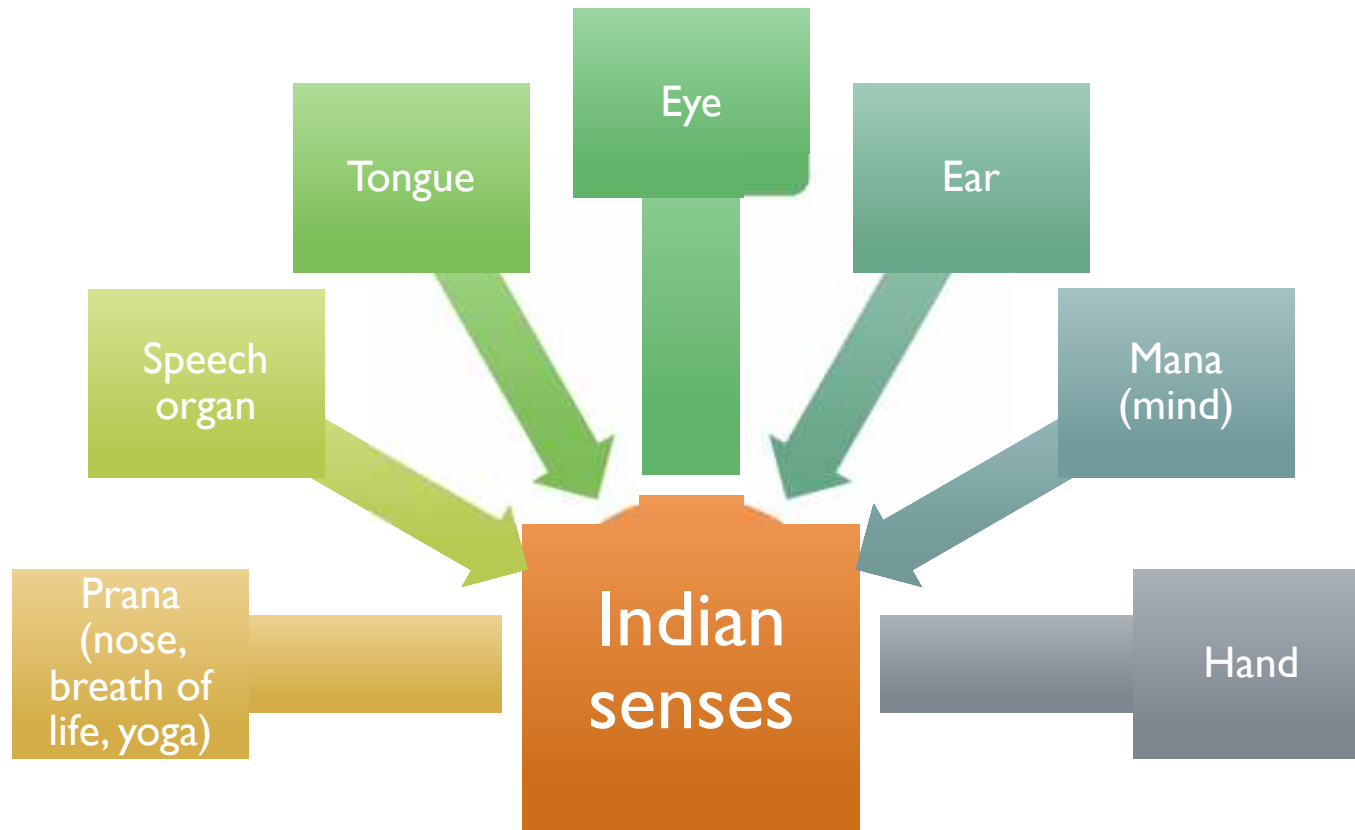
Female

- Taste
- Smell
- Touch





CLASSICAL INDIAN SENSES



NOETIC ECONOMY OF THE SENSES (ONG)



Pre-literate

Touch

Taste

Smell

Hearing

Sight

Literate

PHILOSOPHICAL VIEWS TOWARDS SENSES

Premodernism

- The senses are viewed as a set.
- Each sense was correlated to a different element: **sight to fire and light**, hearing to air, smell to vapor, taste to water, and touch to earth.
- **The eye is the window of the soul**

Modernism

- Belief in Cartesian mind-body split
- Giving rise to different types of dualism (mind/body, subject/object, male/female...) and privileging one over the other one
- **Senses are deceptive and misleading**, and only the sense of vision is given priority.

Postmodernism

- Belief in the elimination of mind-body split.
- **Glorifying body** and focusing on the politics of it
- **All senses** are appreciated and individuals are expected to be **engaged** in all.

SENSE-INFORMATION PROCESSING

Sense of sight

• 83%

Sense of hearing

• 11%

Sense of smell

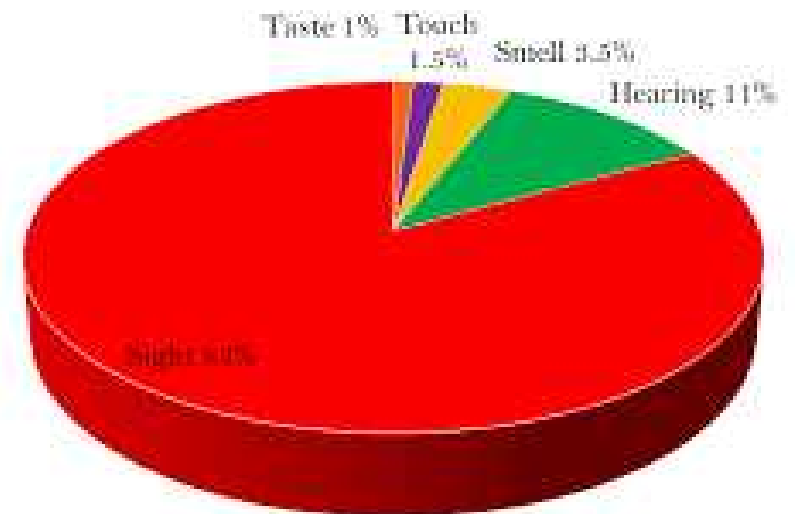
• 3.5%

Sense of touch

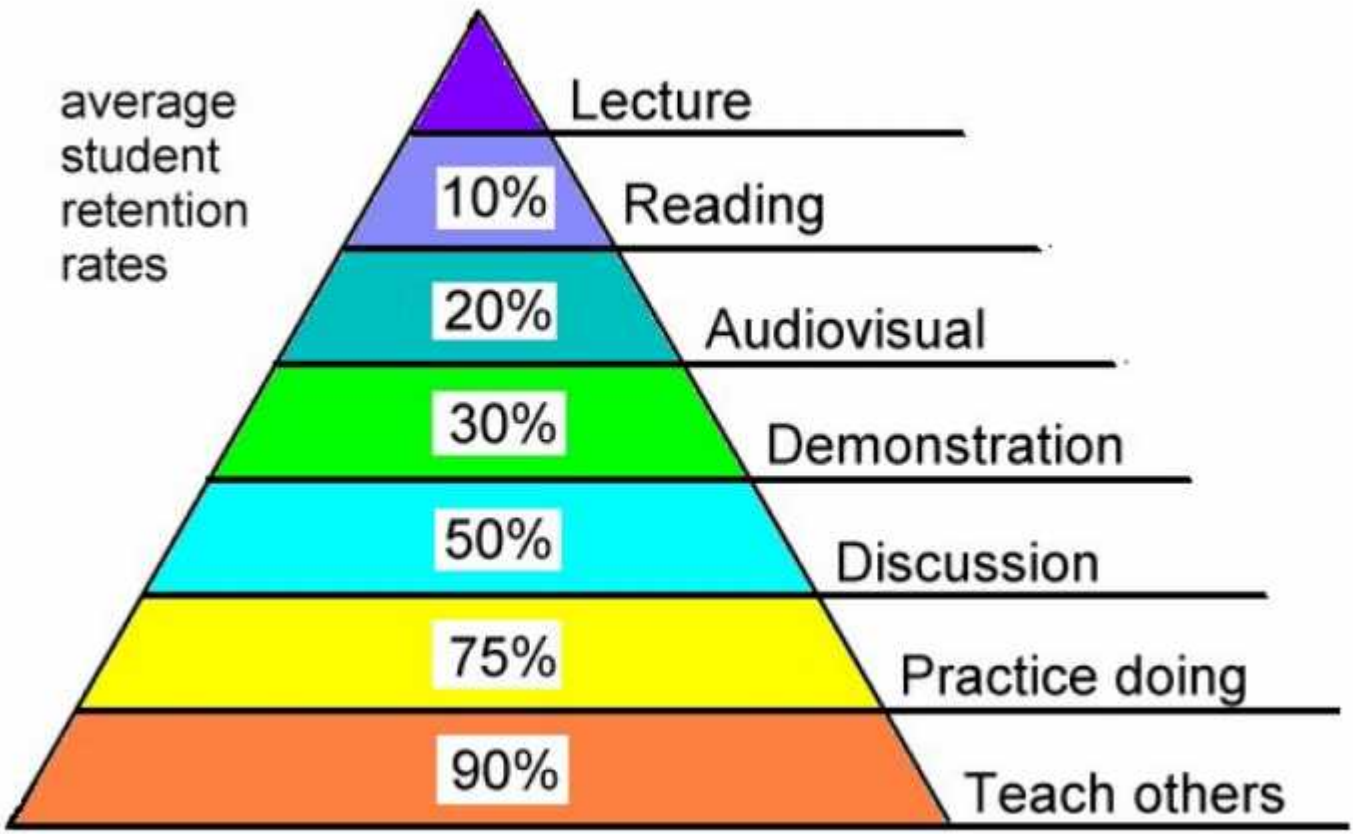
• 1.5%

Sense of taste

• 1%



Learning Pyramid



Source: National Training Laboratories, Bethel, Maine

ADVANTAGES OF MULTISENSORY INFORMATION

Adult humans and many non-human species perform more efficiently and accurately on various attentional, discriminative, and learning tasks (Rowe, 1999).

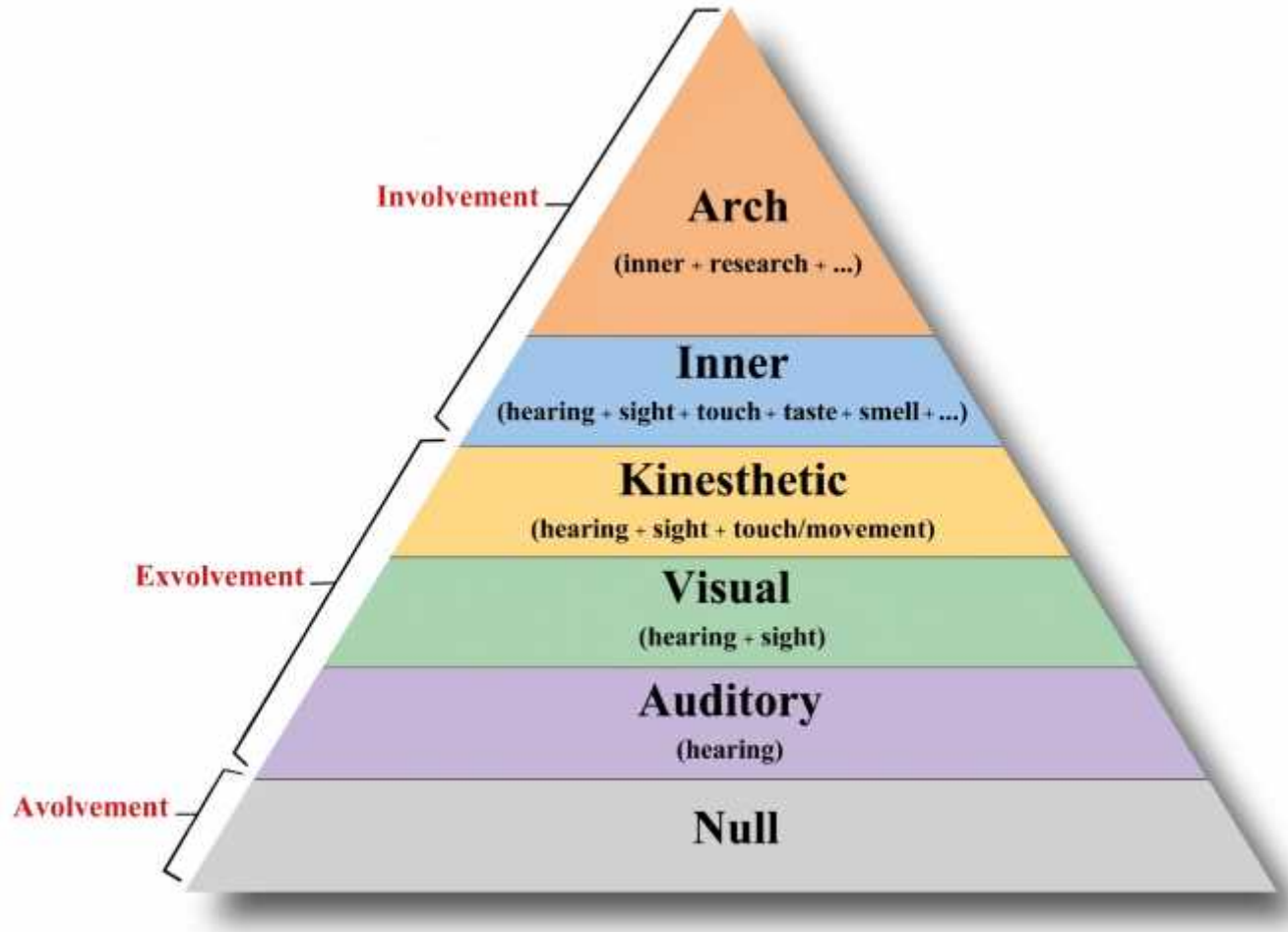
Many non-human species rely on concurrent, multisensory cues in social communication (Partan & Marler, 1999).

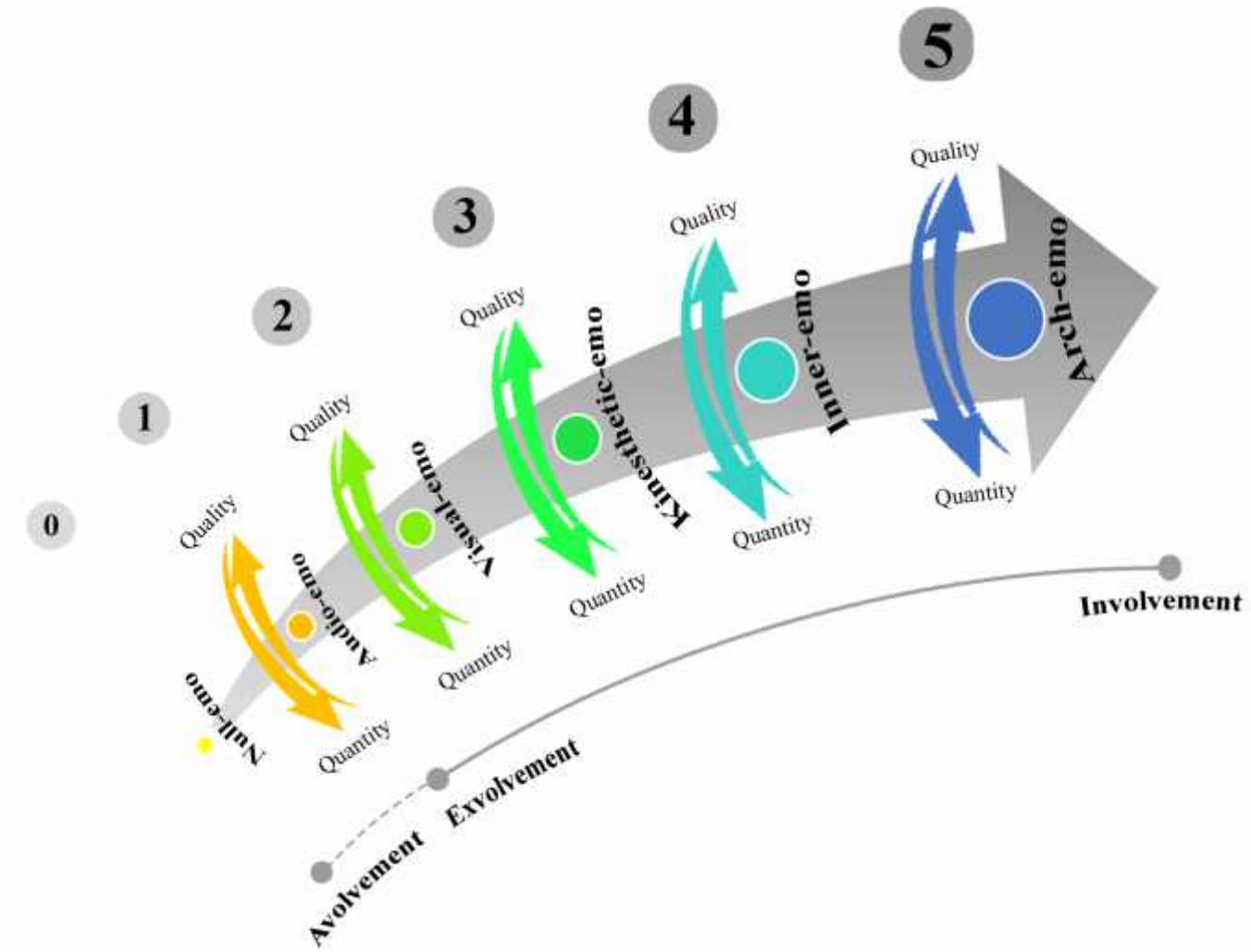
Adult humans perceive speech considerably better when it is jointly specified by audible and visible attributes (Summerfield, 1979).

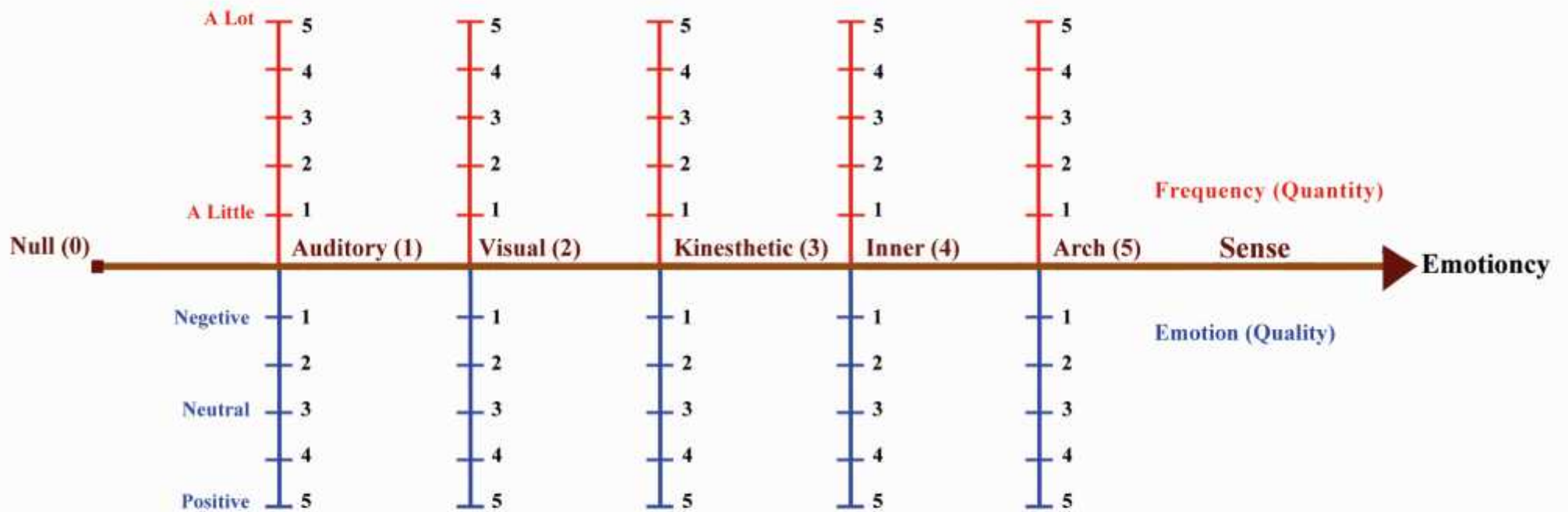
Cats exhibit more vigorous behavioral and neural responsiveness on a spatial localization task when location is signaled by auditory and visual cues (Stein & Meredith, 1993)



Educational Emotioncy Pyramid







$$\text{Emotioncy} = s (f + e)$$

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*Thank
You*

