What is nonlinguistic representation?

🡪 Nonlinguistic representation is providing a representation of knowledge without words.

🡪 The imagery mode is expressed as mental pictures and physical sensations such as smell, taste, touch, kinesthetic association, and sound

Research on learners

•18% are auditory learners

•32% are visual learners

•25% are tactile learners

•25% are kinesthetic learners

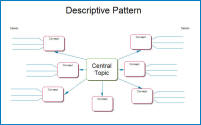
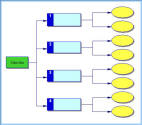
• which means that greater than 50% of learners are nonlinguistic

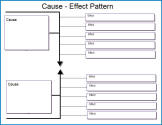
How do we use nonlinguistic representation?

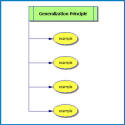
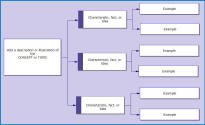
* Graphic Organizers
* Make physical models
* Generate mental pictures
* Draw pictures and pictographs
* Engage in kinesthic activity

Patterns of nonlinguistic representation

* Descriptive: represent facts about specific persons, places, things, and events
* Time Sequence: organize events in a specific chronological order
* Process/Cause-effect Patterns: organize information into a casual network leading to a specific outcome or into a sequence of steps leading to a specific product.
* Episode Patterns: organize information about specific events including a setting, people, a specific duration, a sequence of events, and a cause and effect
* Generalization/Principle Patterns: organize information into general statements with supporting examples
* Concept Patterns: organize information around a word or phrase that represents entire classes or categories of persons, places, things and events

Resources

Patterns

http://edweb.tusd.k12.az.us/templates/nonlinguisticrepresentations.htm

Definitions of Patterns

http://gets.gc.k12.va.us/vste/2008/5nonlinguistic.htm

Research on learners

http://school.familyeducation.com/intelligence/teaching-methods/38519.html