

Stepping Outside Your Comfort Zone: Learning to Teach



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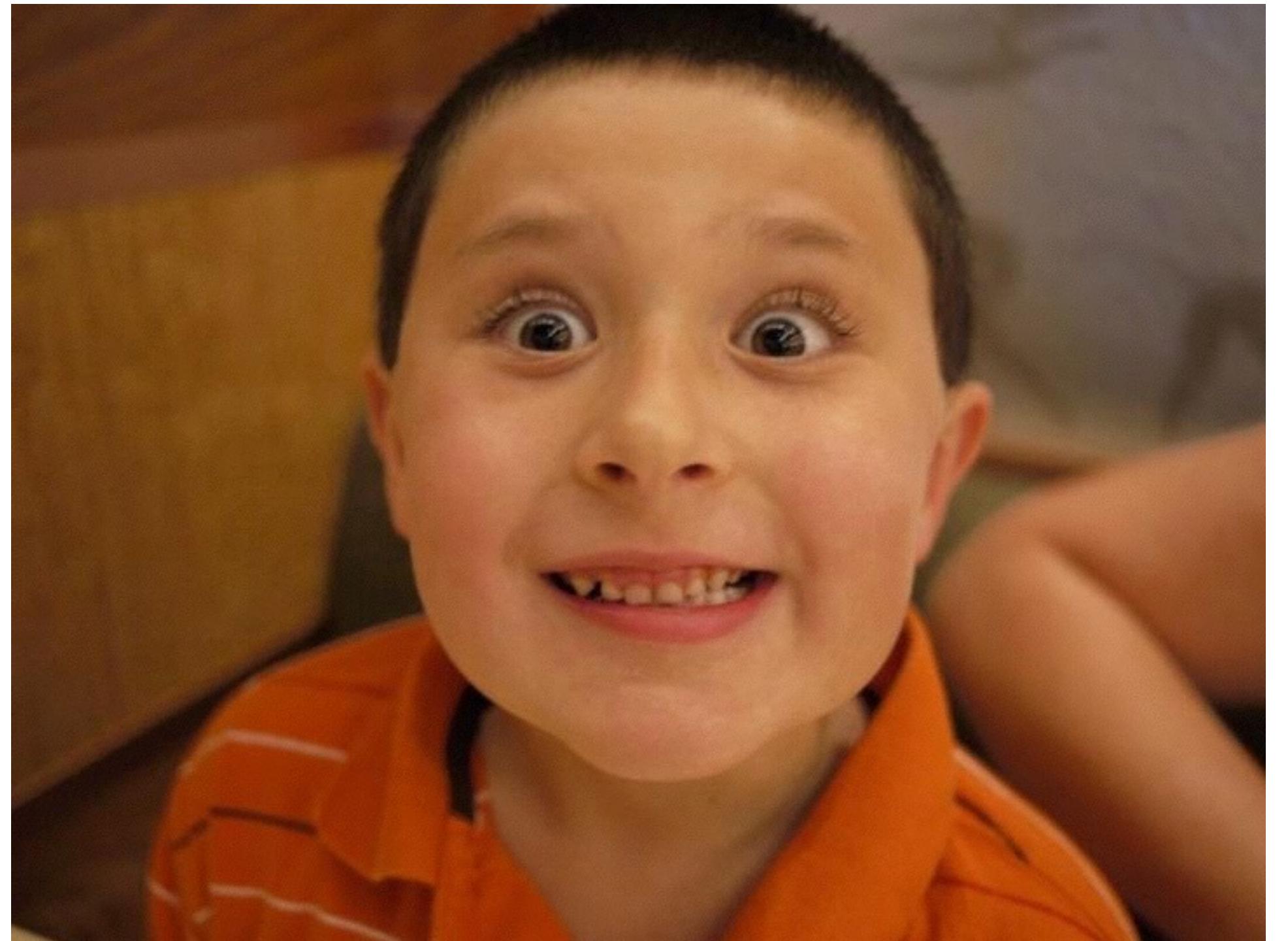


At our best, we are all teachers

— Maya Angelou —

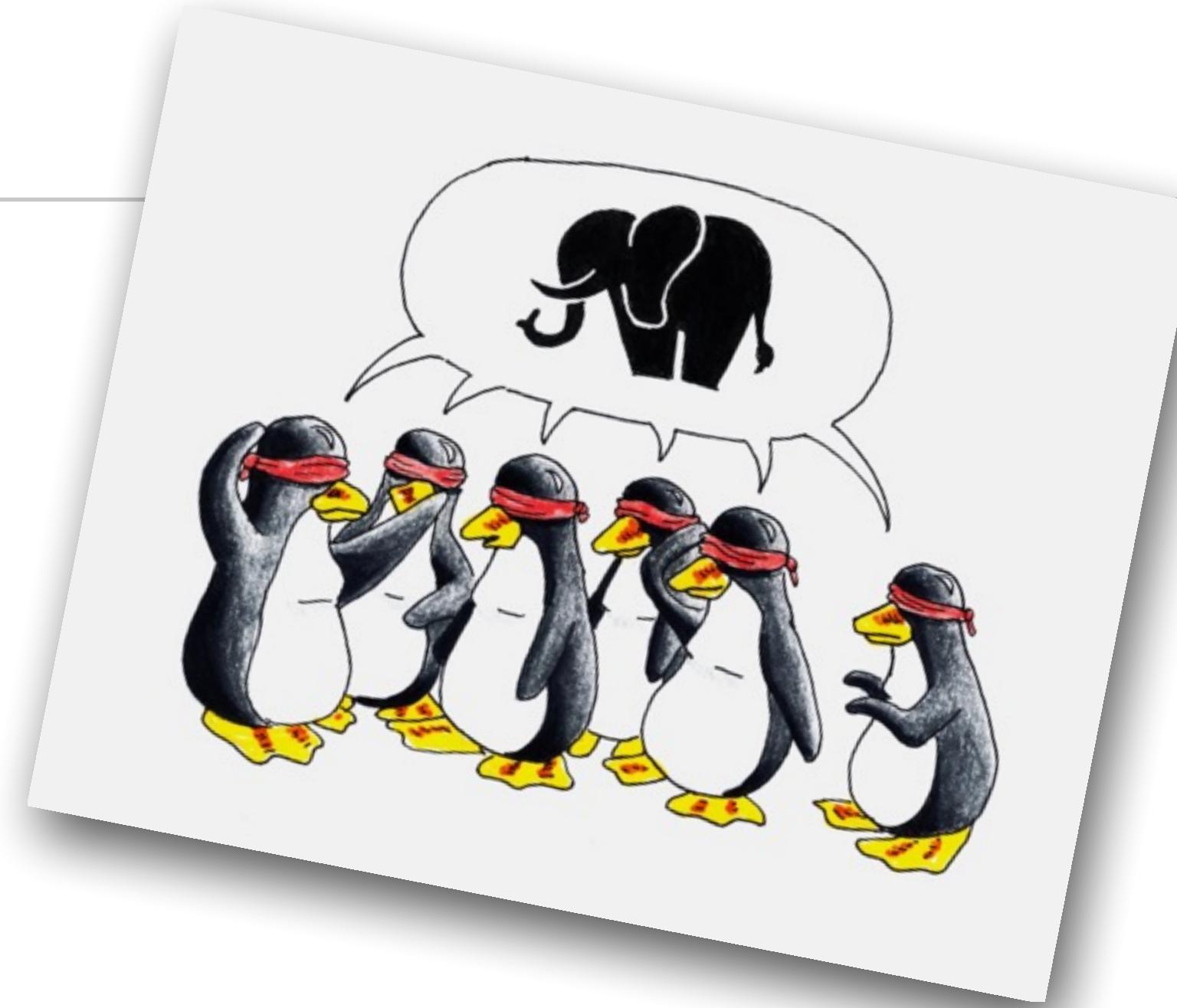
Teaching Experience

- Master's in Education
- Certified Teacher
- Taught Pre-K-4th Grades
- Developed Training Program for Telemedicine &Advanced Technology Research Center
- Managed Training at php[architect]

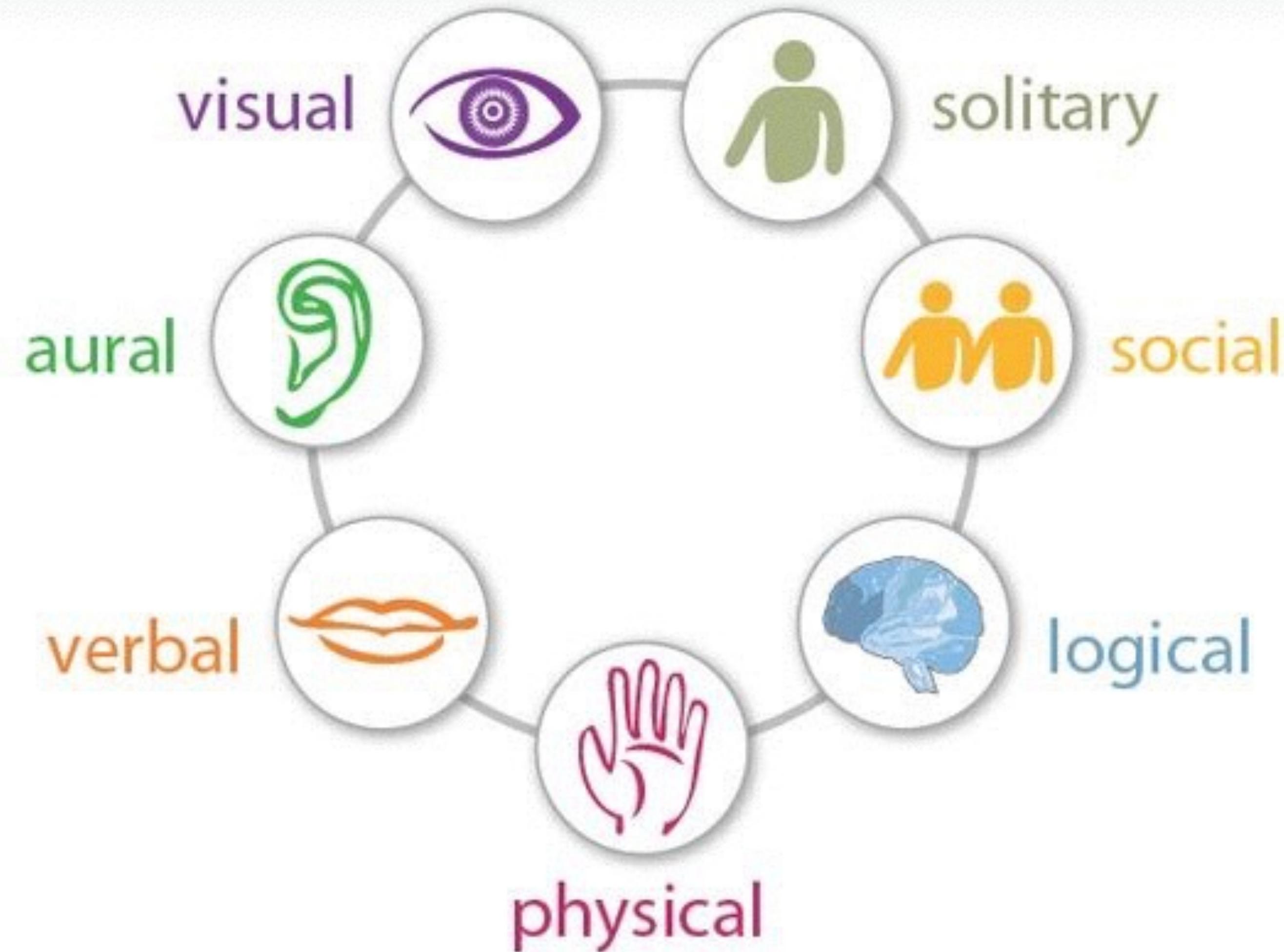


Understanding your audience or students

...why bother?



the 7 learning styles





Visual - Spatial



Uses **images, pictures, color**
and other visual media such as
layout, visual words, and mind maps.



Implementing

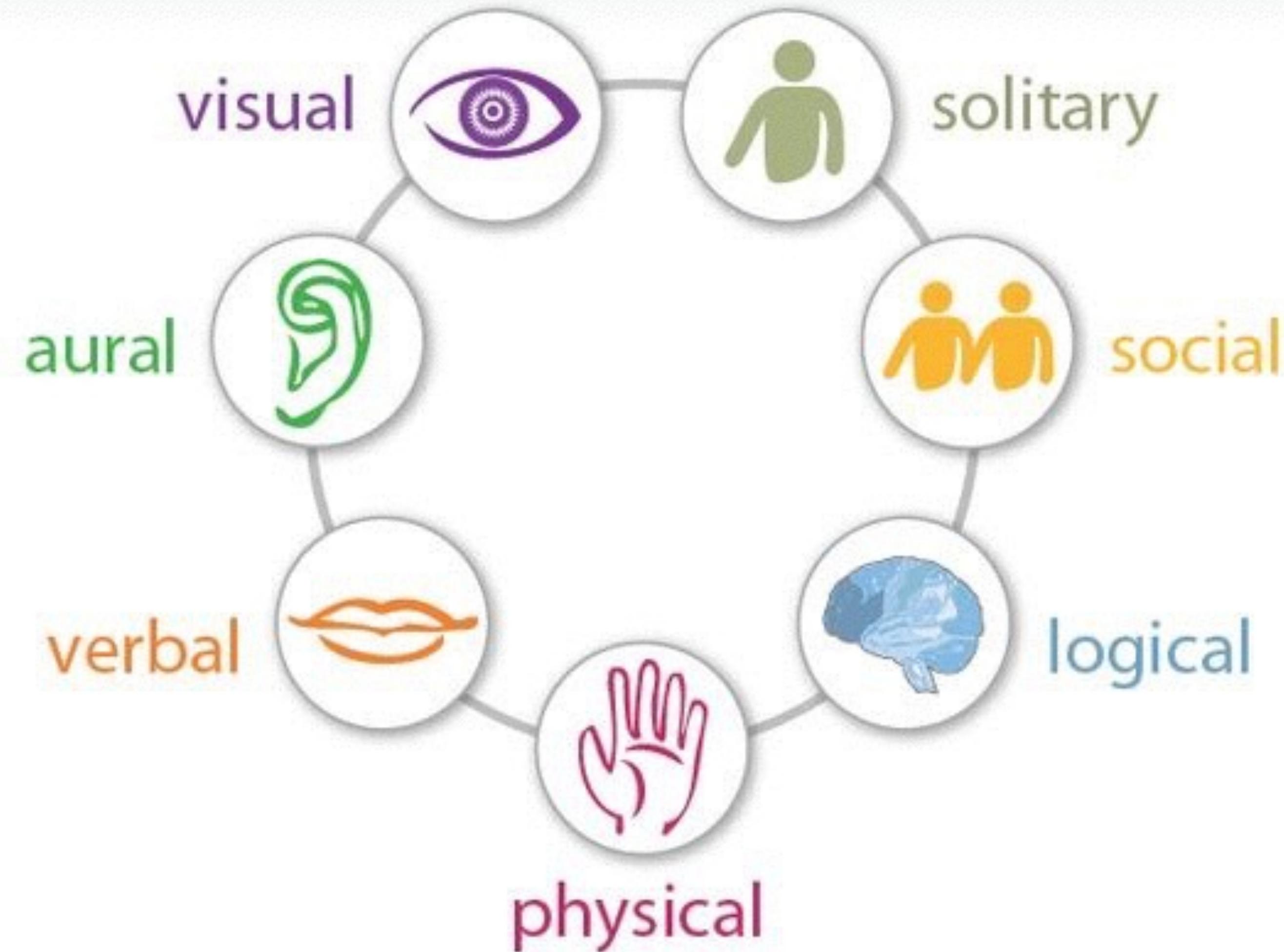


Replace words with pictures.

Use **color** to highlight major and minor links.

Use systems maps to see the **BIG** picture.

the 7 learning styles





Aural - Auditory, Musical



Uses sound, rhyme, and music.

Auditory learners have their **strongest** memories associated with **songs** or **sounds**.

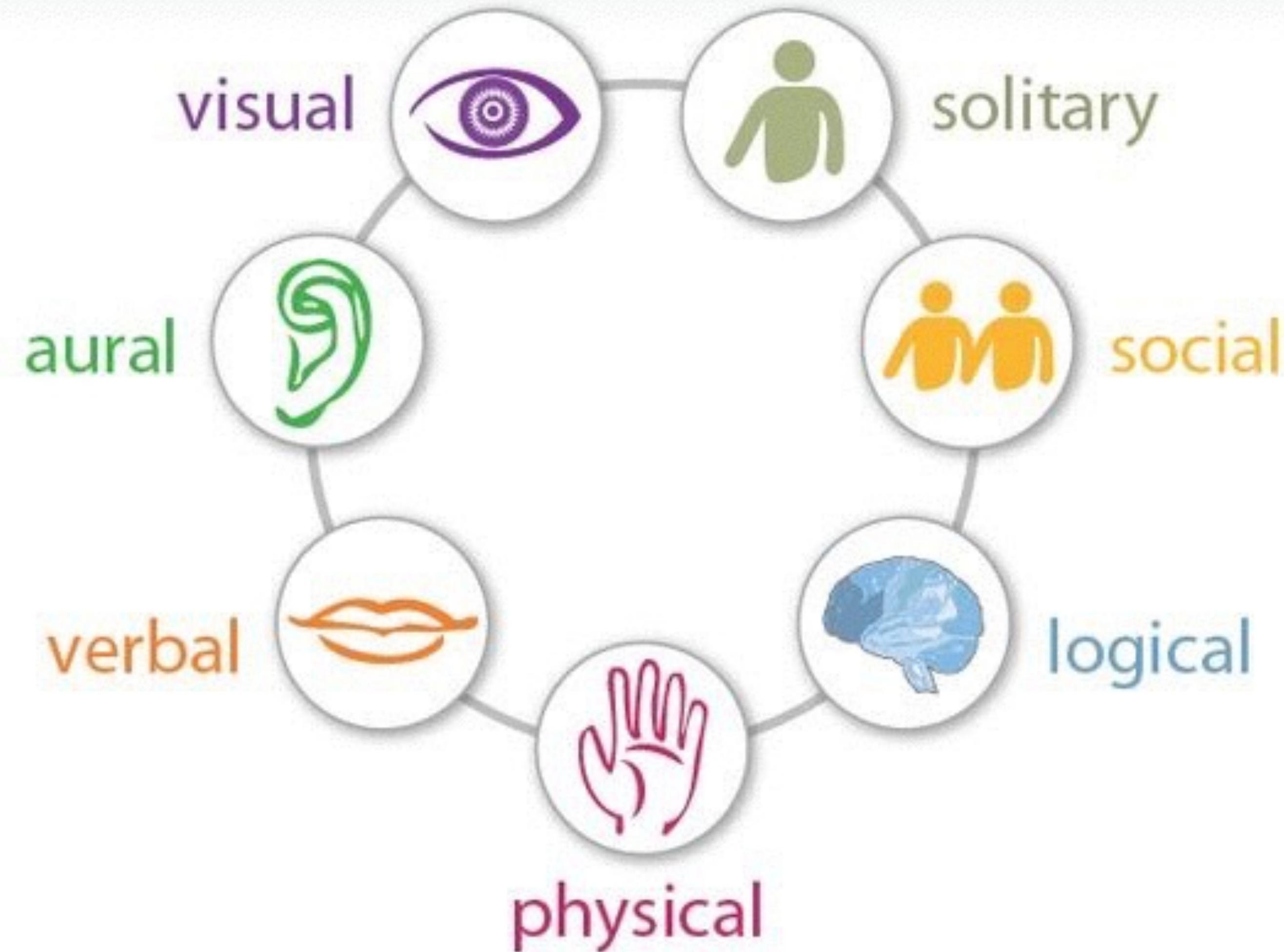


Implementing



- Sound recordings
- A ‘pump me up’ song
- Mnemonics or Acrostics

the 7 learning styles





Verbal - Linguistic



Uses **speaking** and **writing**.



Implementing



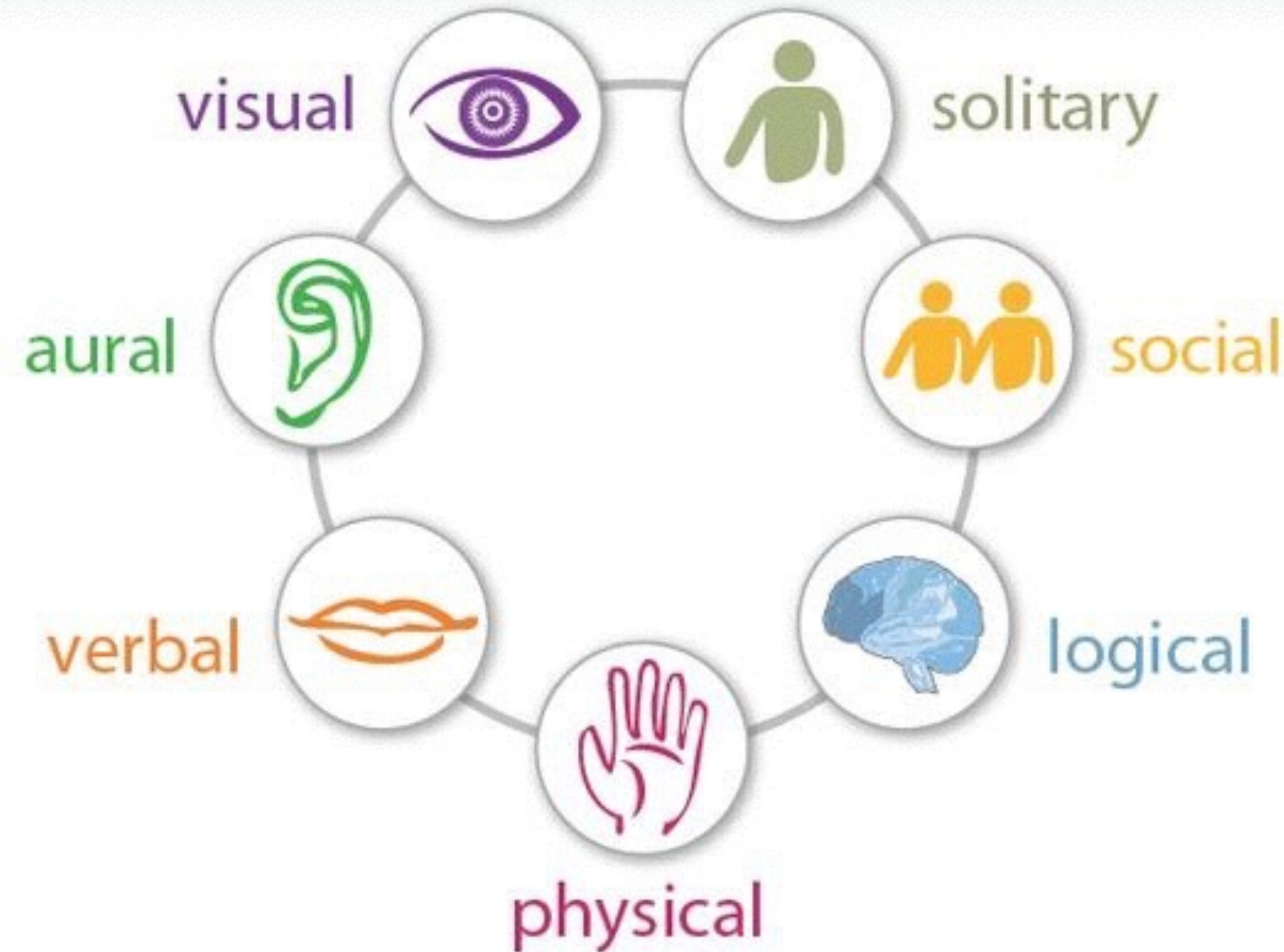
Ways to Facilitate this learner:

- ▶ Role Playing
- ▶ Active Discussions
- ▶ Listen to a recording

To Cement Concepts:

- ▶ Self talk
- ▶ Mnemonics
- ▶ Scripting
- ▶ Teaching Others

the 7 learning styles





Physical - Kinesthetic



Uses **body**, **hands**, and sense of **touch**.



Implementing



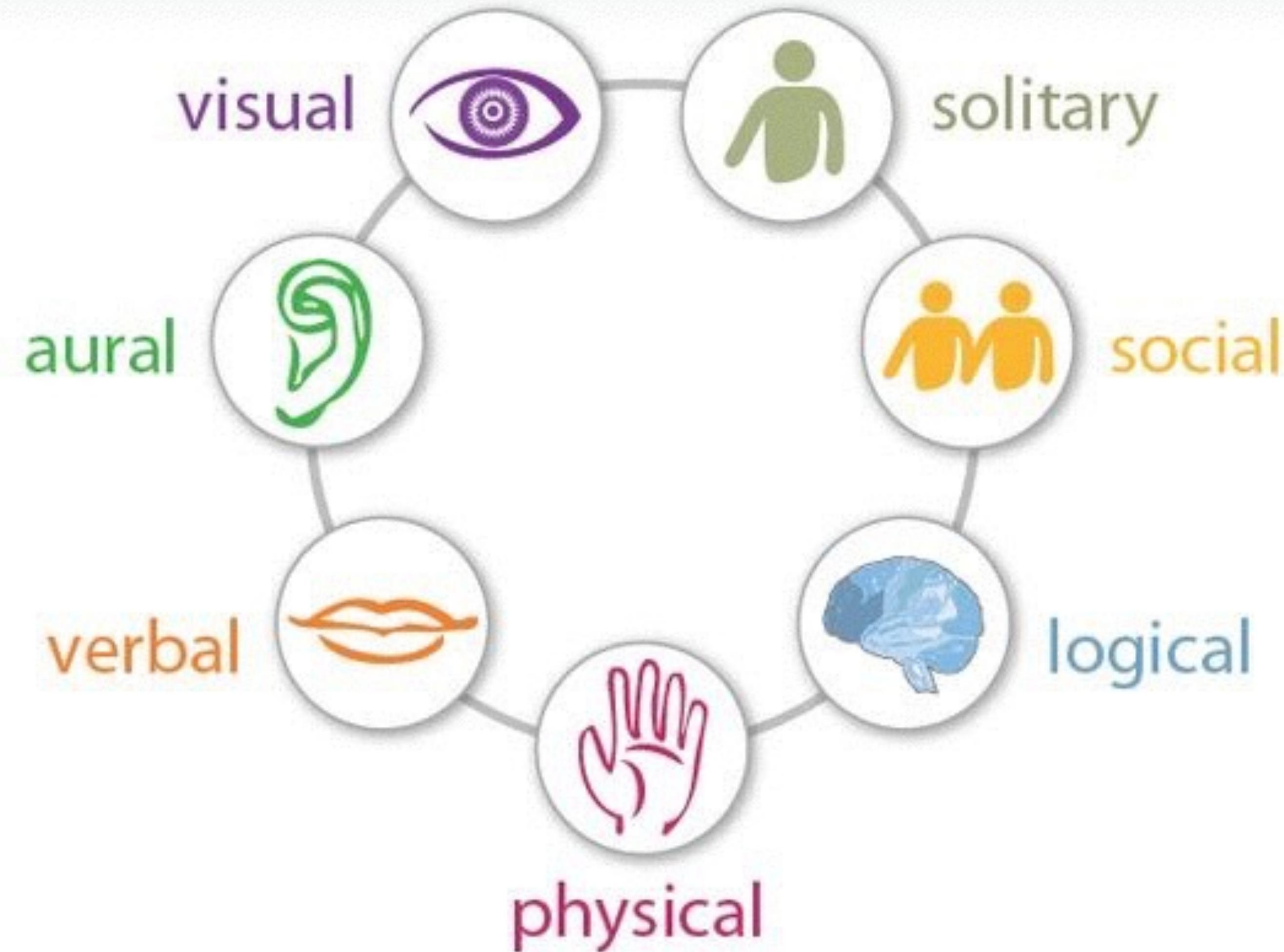
Sensations

Physical feelings

Physical objects

Role playing

the 7 learning styles





Logical - Mathematical



Uses logic, reasoning, sequence, and systems.

This learner needs to **understand** the **reasons** behind content and skills.



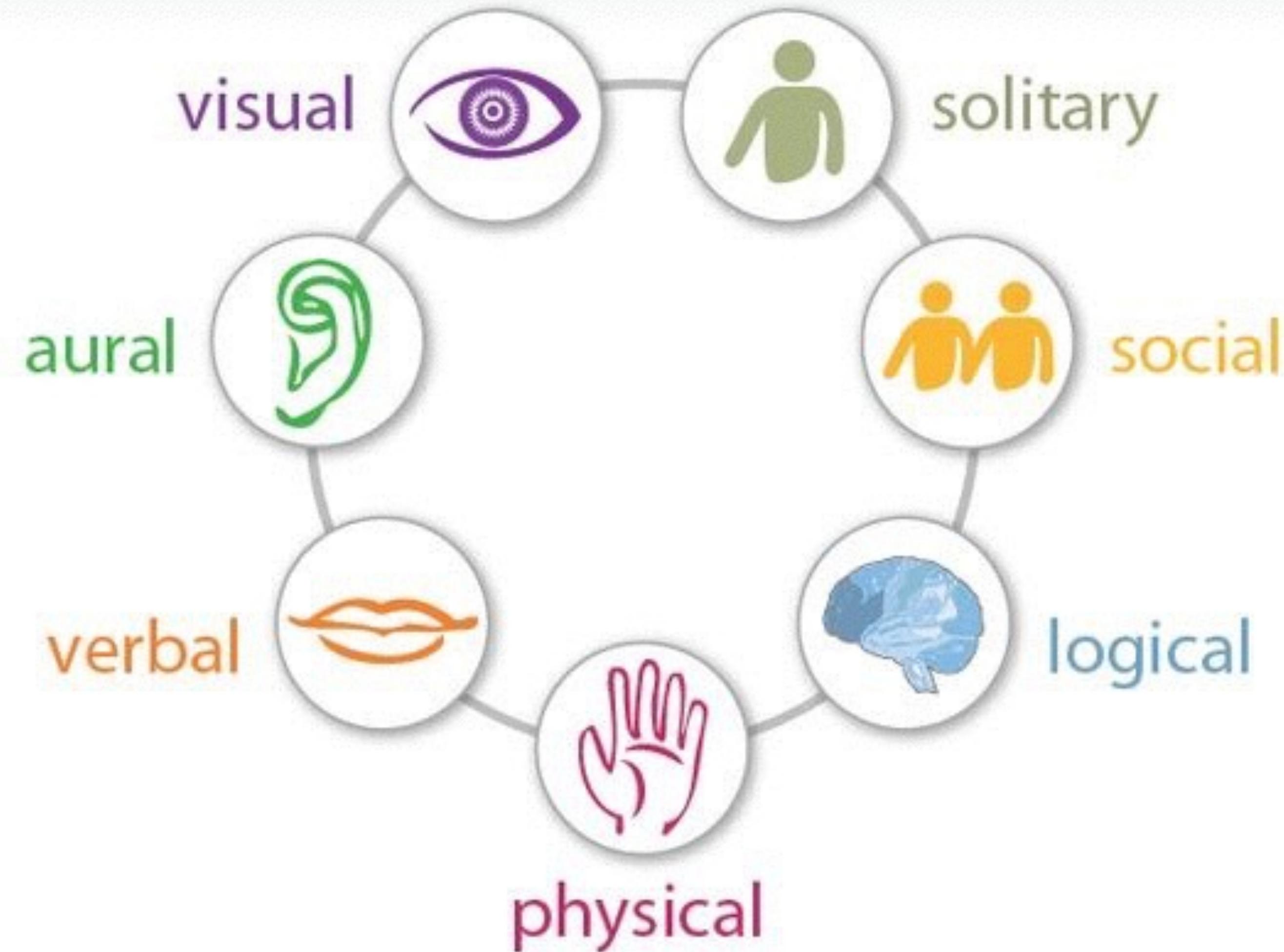
Implementing



Progression from pieces to a big picture

Diagrams

the 7 learning styles





Social & Solitary



Social and Solitary learning are layers over the other 5 learning styles.

Social/Interpersonal

prefer to learn in groups
or
with other people.

Solitary/Intra-personal

prefer to work alone
or
use self-study

Developing Our Learning Styles

...each person's mix of learning styles is unique





Assimilation

We develop our particular learning preferences as we progress through our formal education until we have settled on our unique mix.

Your Personal Learning Style

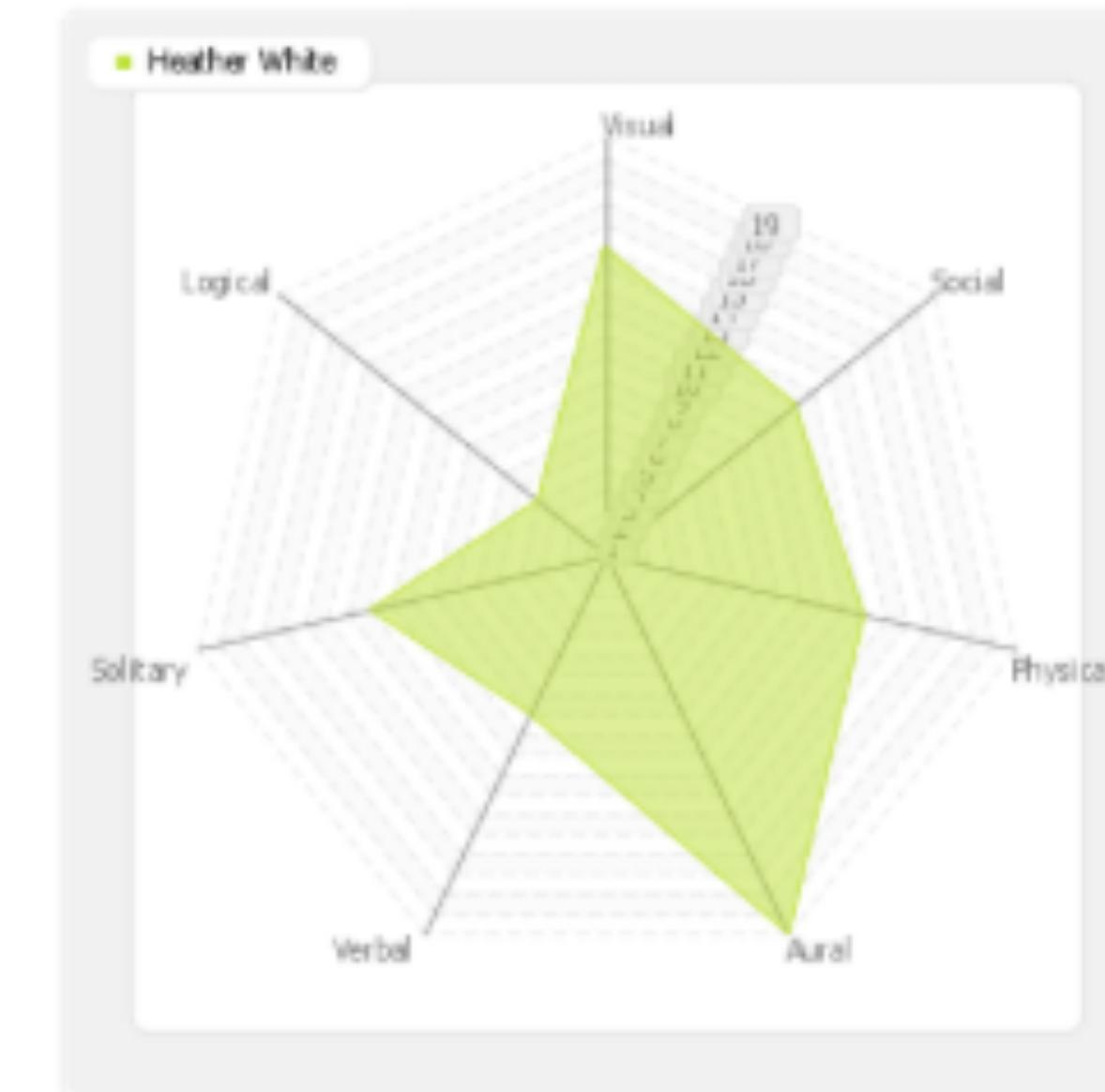
Your results

The scores are out of 20 for each style. A score of 20 indicates the style is used often.

Style Scores

Visual	14
Social	11
Physical	12
Aural	19
Verbal	8
Solitary	11
Logical	4

Learning Styles Graph



<http://www.learning-styles-online.com/inventory/>

Progression

1st



Physical and Kinesthetic

2nd



Visual Modalities - 3rd Grade

3rd



Auditory - 6th Grade on

Characteristics of Adult Learners

...what makes us tick

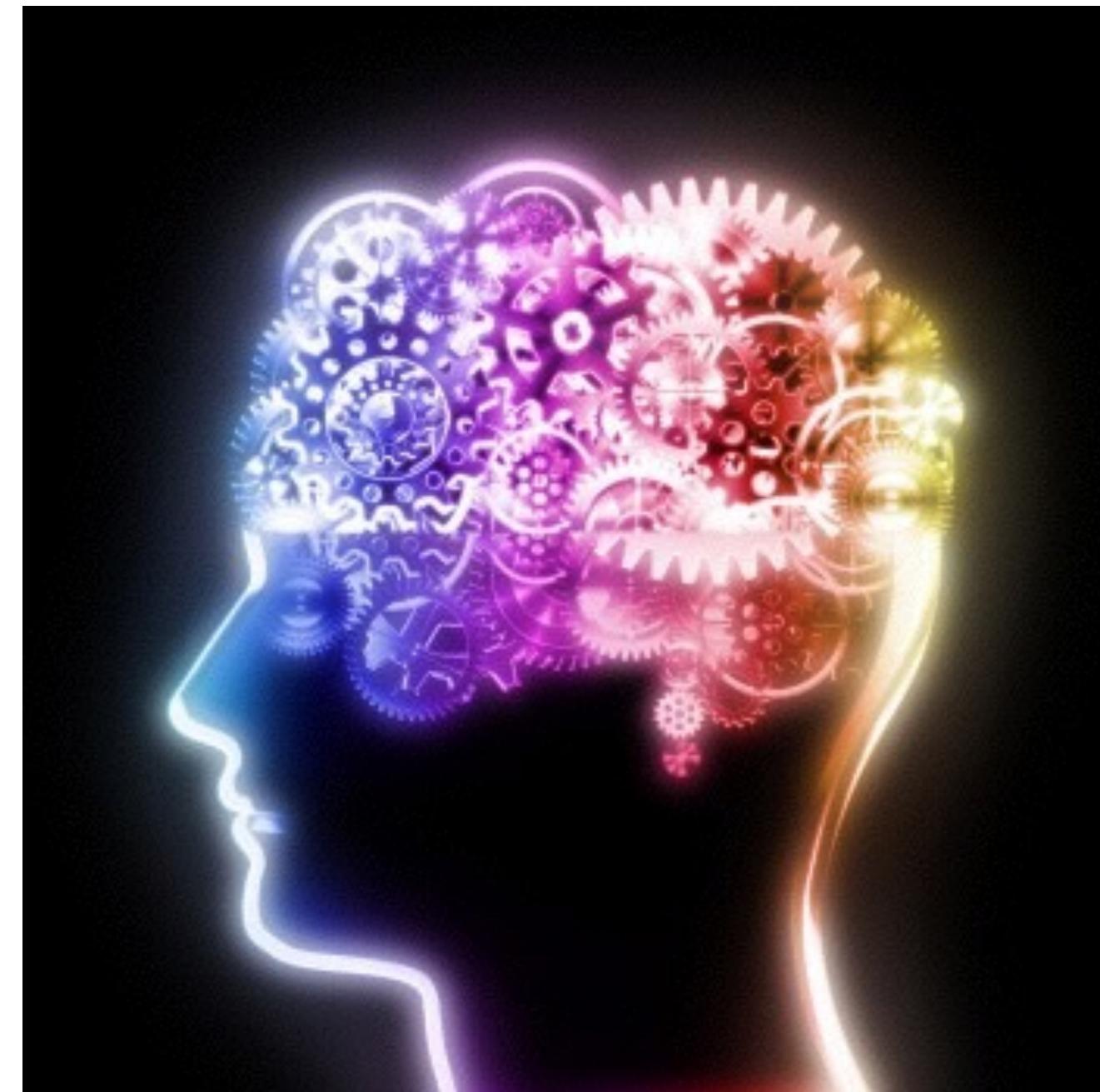


Traits of Adult Learners

Autonomous/
Self-Directed

Life Experience/
Knowledge

Goal Oriented



Relevancy
Oriented

Practical

Needs to be
Shown Respect

Motivations of Adult Learners



Additional Motivators



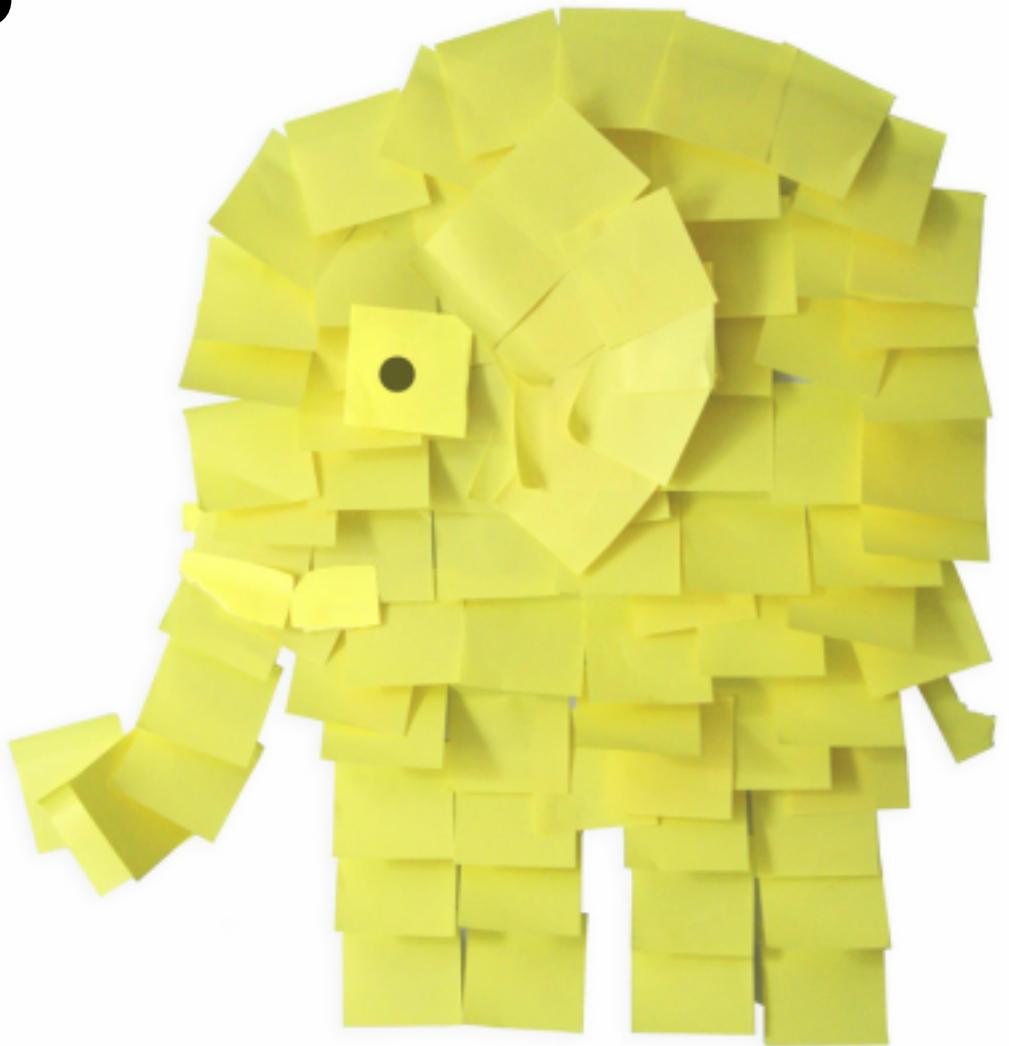
Feedback



Rewards/Benefits

Reinforcement, Retention, & Transference

...how to remember what is taught?



Reinforcement

Positive

Negative

Reward
&
Praise

Performance
Review
&
Lack of the Positives

Retention

Practice Makes Perfect

Meaning

Interpret

Purpose

Apply

Transference

the ability to use the learned information in a new situation

Association

Similarity

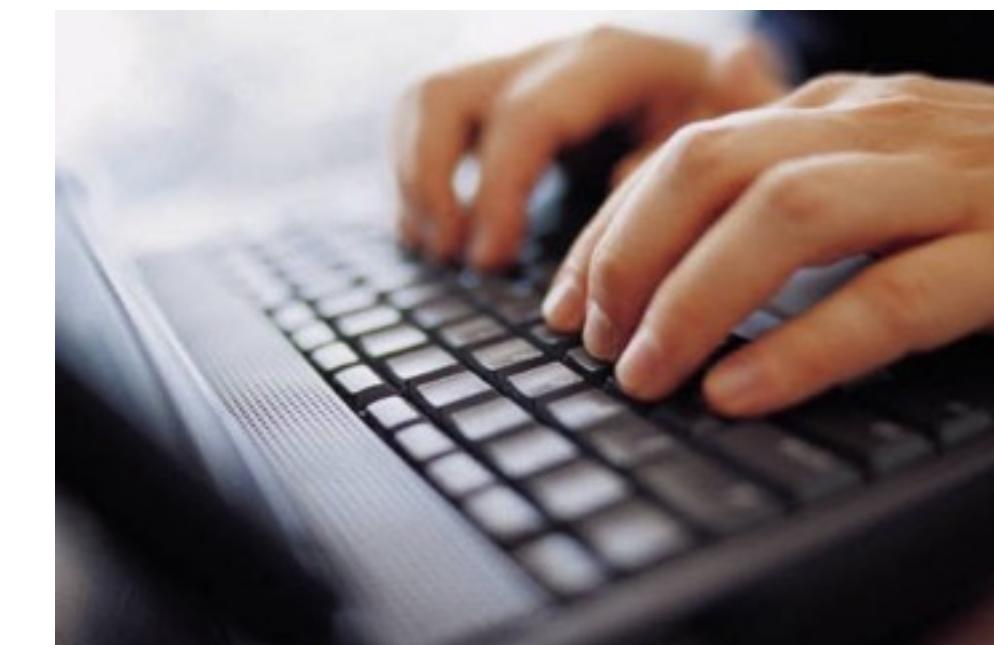
Transference
is most
likely when

Degree of
Original
Learning

Critical
Attribute
Element

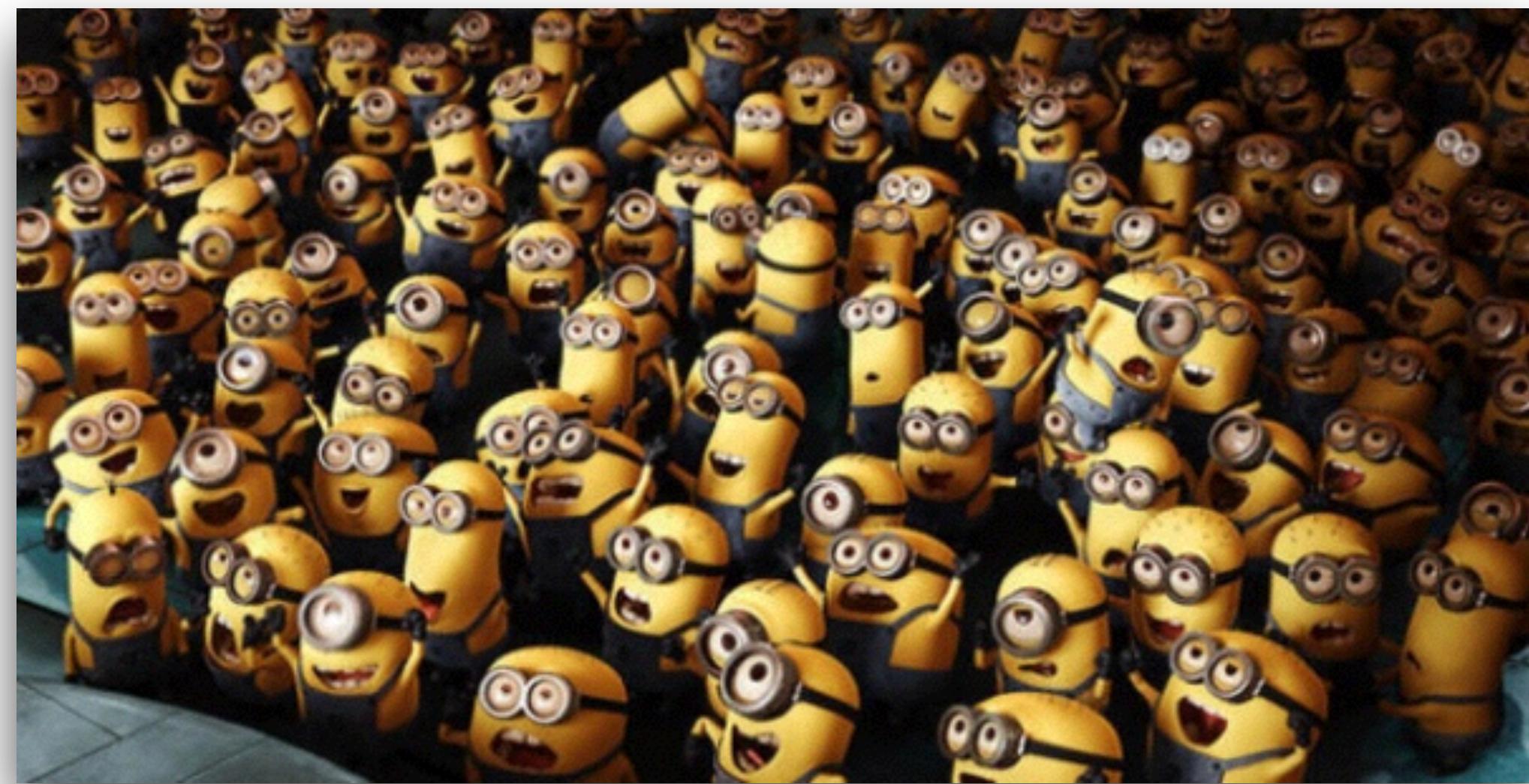
Teaching Take Aways

See It, Hear It, Speak It, Do It - Practice & Reward

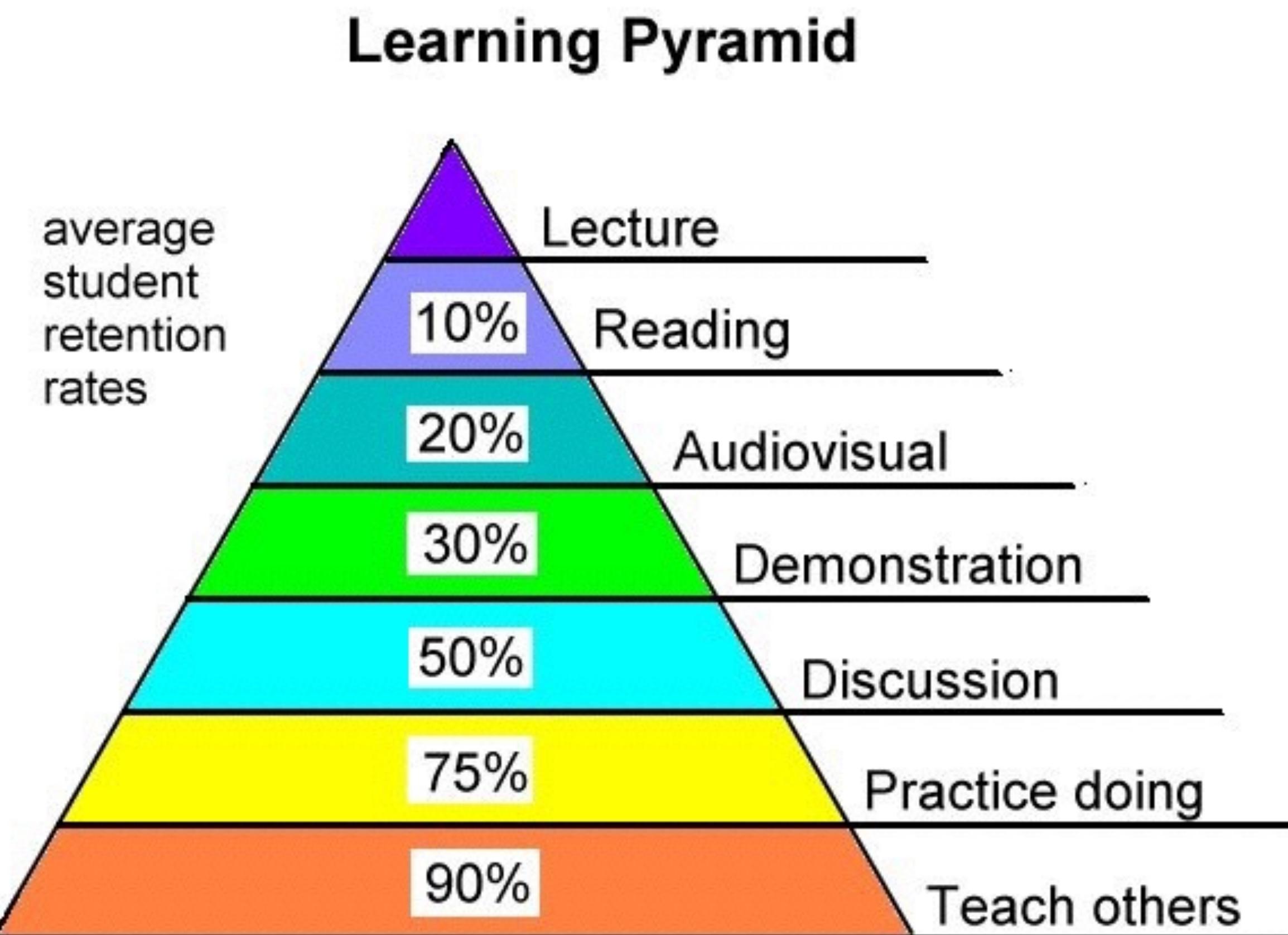


Presentations with Learners in Mind

...how to reach your audience



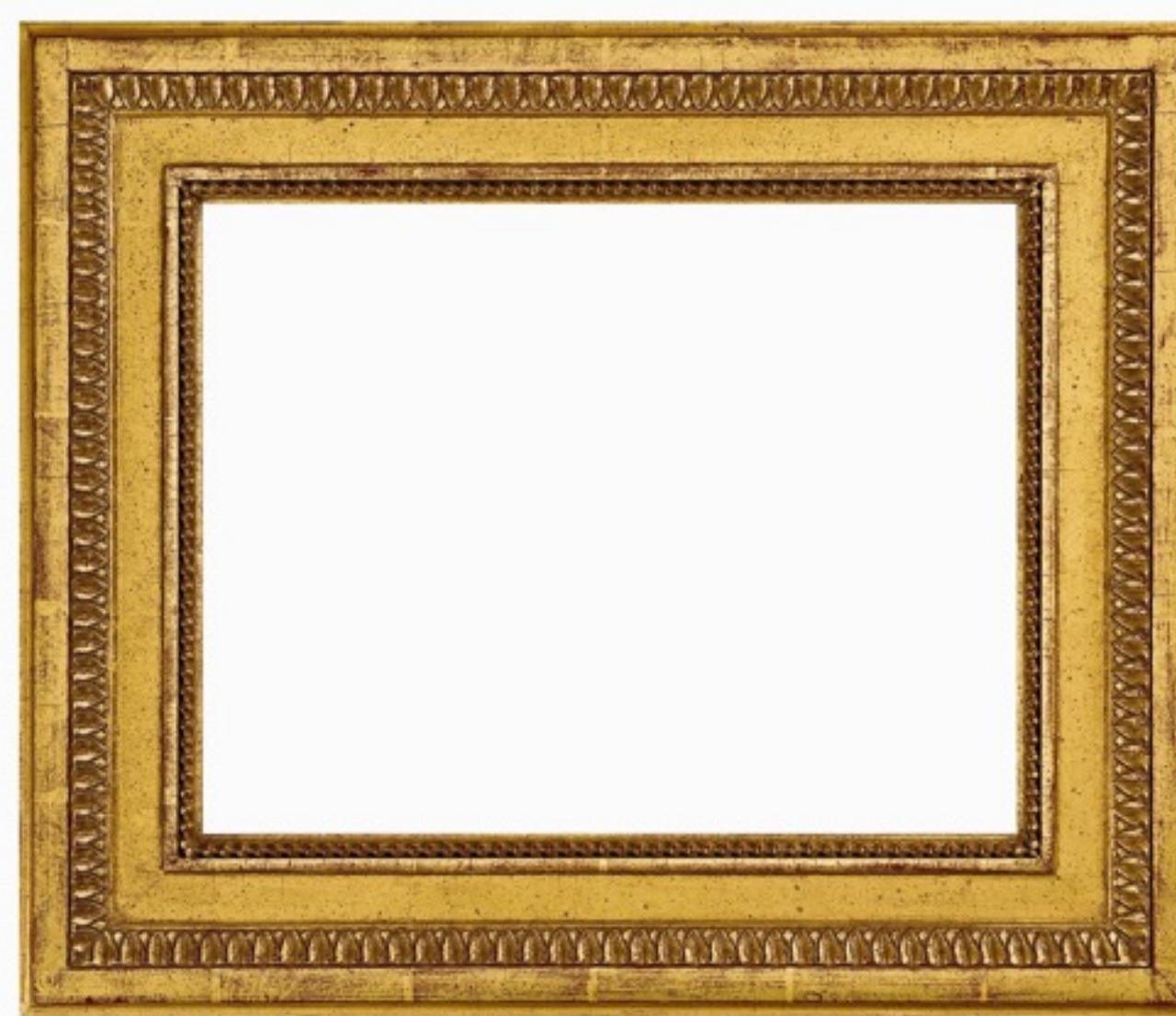
Retention Rates



Source: National Training Laboratories, Bethel, Maine

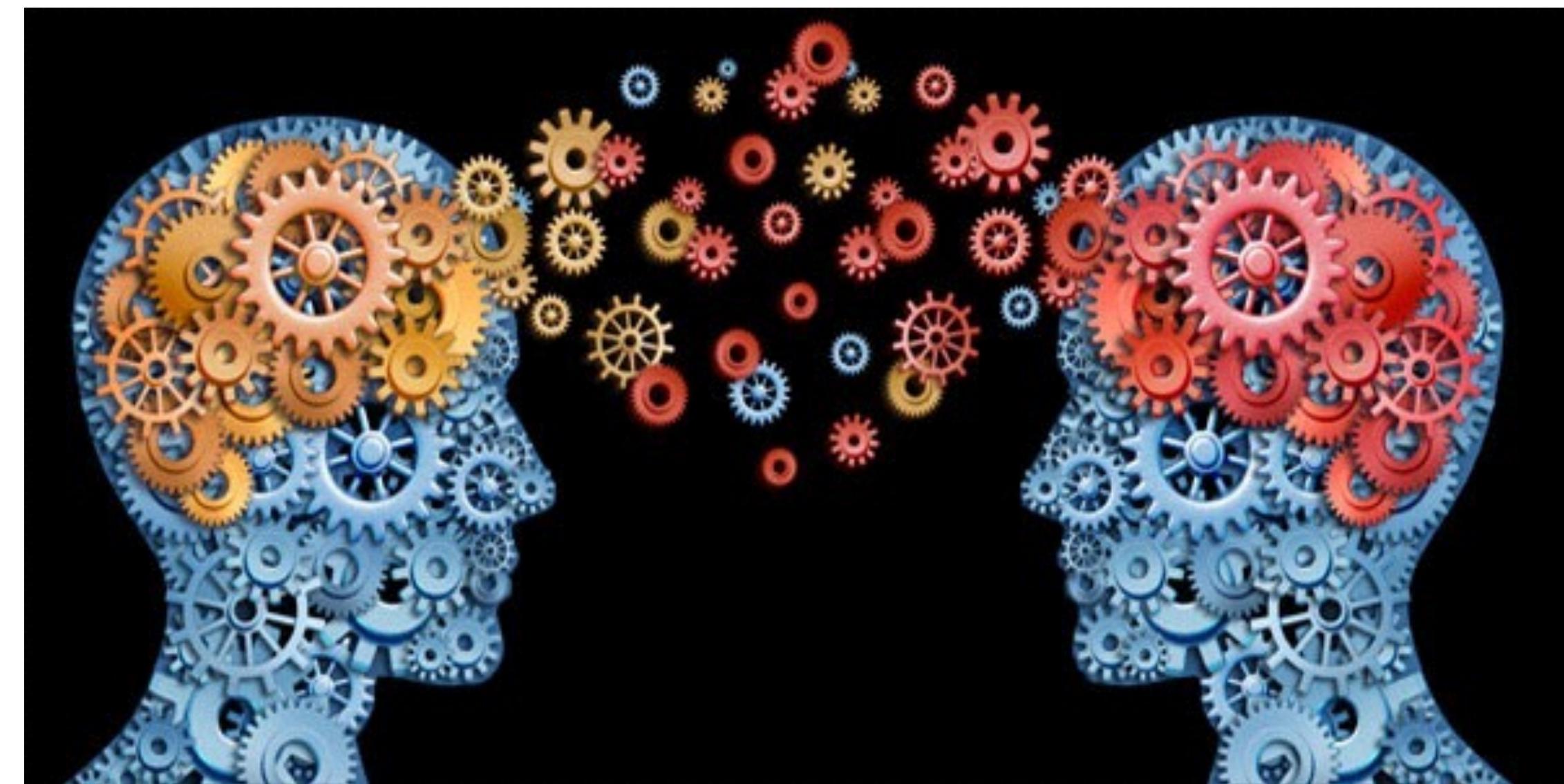
Evaluate your content

Understand what way your content
is most clearly represented



Relevancy

Adult learners need to be told why they need to listen or learn what you are about to teach.



Attention

Change grabs attention.



We notice change...



not necessarily what happens in between.

Macro Changes

Delivery Method

Movement

The Teacher

Topics

Teaching Style



Micro Changes

Visual Sections

Brain Break



Mannerisms

Pauses for Emphasis

Techniques to Reinforce

...what was that presentation about?



First Impressions

You have many chances to correct first impressions if the start of your presentation is rough.



Overarching Message

Choose a clear overarching message.





Balance



Slides

Delivery

Message

Important Points

Use a maximum of three points on a slide.



If you cover too many, your audience will have trouble remembering them.

Metaphors

Be aware that people identify with metaphors differently, often negatively.



Acknowledging preconceptions about the metaphor may help the audience set aside their differences and hear your message.

Presenting Take Aways



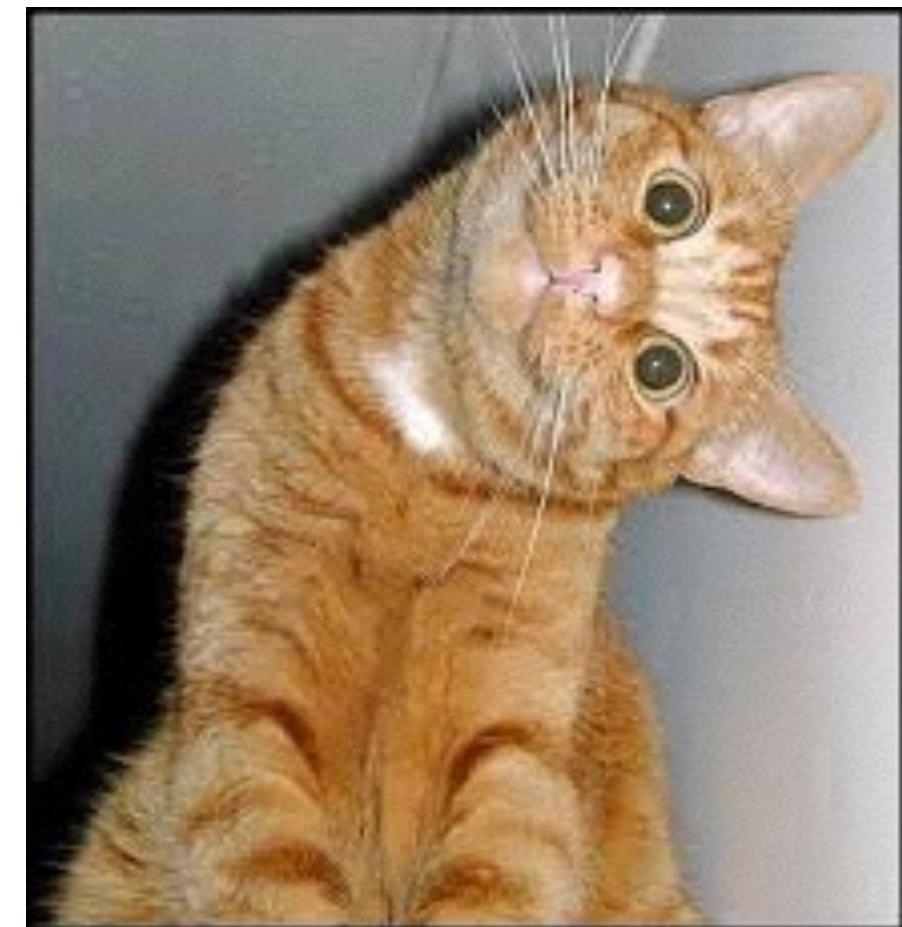
- Evaluate your content
- Maintain Relevancy
- Keep Attention
- Clear Message
- Balanced Presentation



Thank You!

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Questions?



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