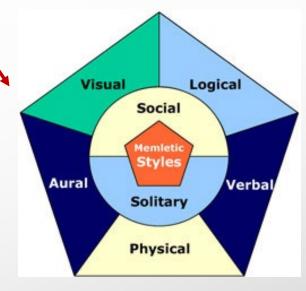
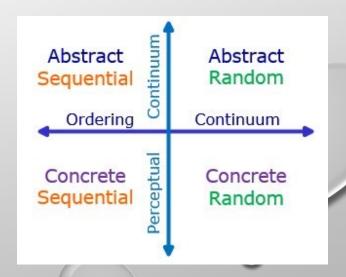


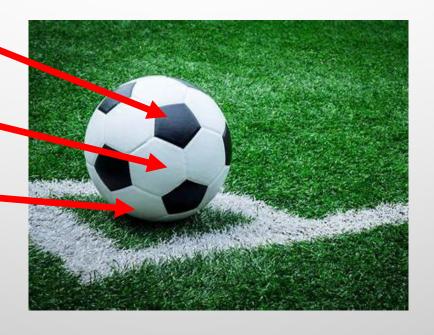
## HOW TO TEACH



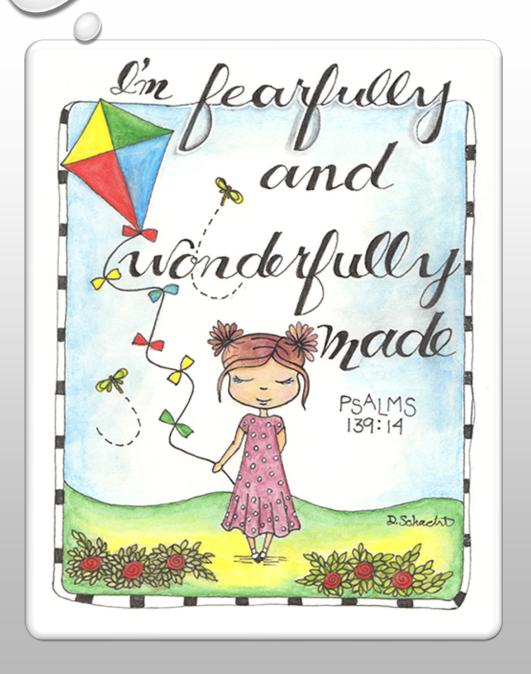


# THE TWO ARE OFFENDED CONFUSED LEARNING (INPUT) & THINKING (STORAGE)

Learning (Input)
how does it get into
the brain
via different modes



Thinking
(Storage) it is
sorted inside
the brain

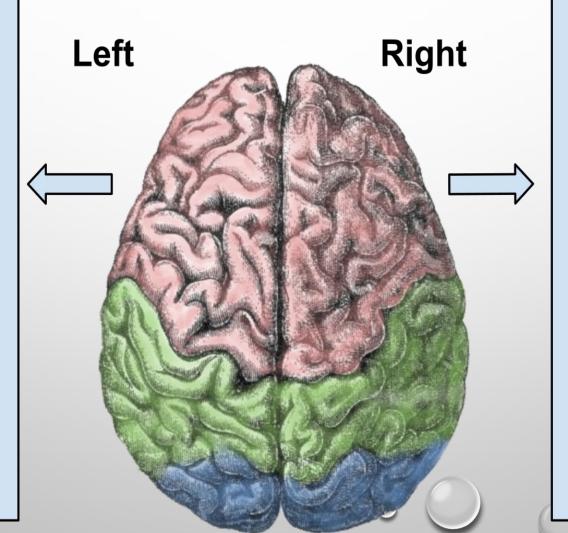


PSALM 139:14

<sup>14</sup> I PRAISE YOU BECAUSE I AM FEARFULLY AND WONDERFULLY MADE; YOUR WORKS ARE WONDERFUL, I KNOW THAT FULL WELL.

- Analytical thought
- Detail Oriented Perception
- Ordered Sequencing
- Rational Thought
- Verbal
- Cautious
- Planning
- Math/Science
- Logic
- Right Field Vision
- Right Side Motor Skills

#### **Brain Lateralization**



- Intuitive Thought,
- Holistic perception
- Random Sequencing
- Emotional Thought
- Non-verbal
- Adventurous
- Impulse
- Creative Writing/Art
- Imagination
- Left Field Vision
- Left Side Motor Skills

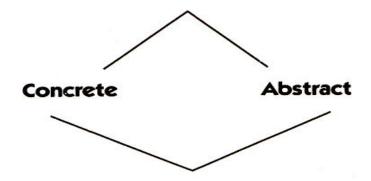


### Thinking / Storage - Type

The way in which we view the world is called our . . .

#### Perception

We perceive in two ways . . .



The way we use the information we perceive is called . . .

#### **Ordering**

We order in two ways . . .



Storage

# CONCRETE (LEFT BRAIN)

YOU'RE DEALING WITH THE HERE AND NOW AND PROCESSING INFORMATION BASED ON WHAT YOU SEE, HEAR, THINK, FEEL, AND TASTE. "IT IS WHAT IT IS." YOU WANT A REAL EXAMPLE.



## ABSTRACT (RIGHT BRAIN)

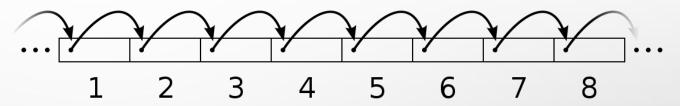
LOOKING FOR THE PATTERNS. YOU'RE MORE CEREBRAL IN YOUR ANALYSIS. YOU'RE USING YOUR INTUITION AND IMAGINATION. "THINGS AREN'T ALWAYS WHAT THEY APPEAR TO BE." YOU ABSTRACT FROM THE EXAMPLES.



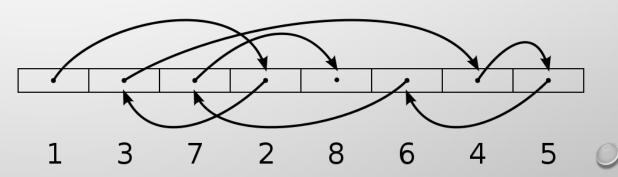
# RANDOM (RIGHT BRAIN)

YOU'RE PROCESSING
CHUNKS OF
INFORMATION IN A
RANDOM WAY. YOU
CAN HOP AROUND WITH
EASE.

## Sequential access



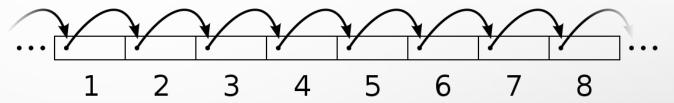
## Random access



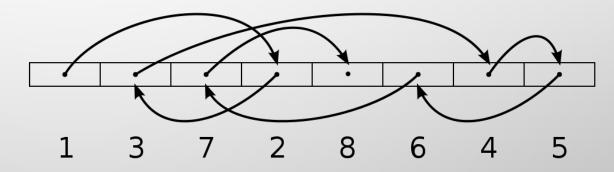
# SEQUENTIAL (LEFT BRAIN)

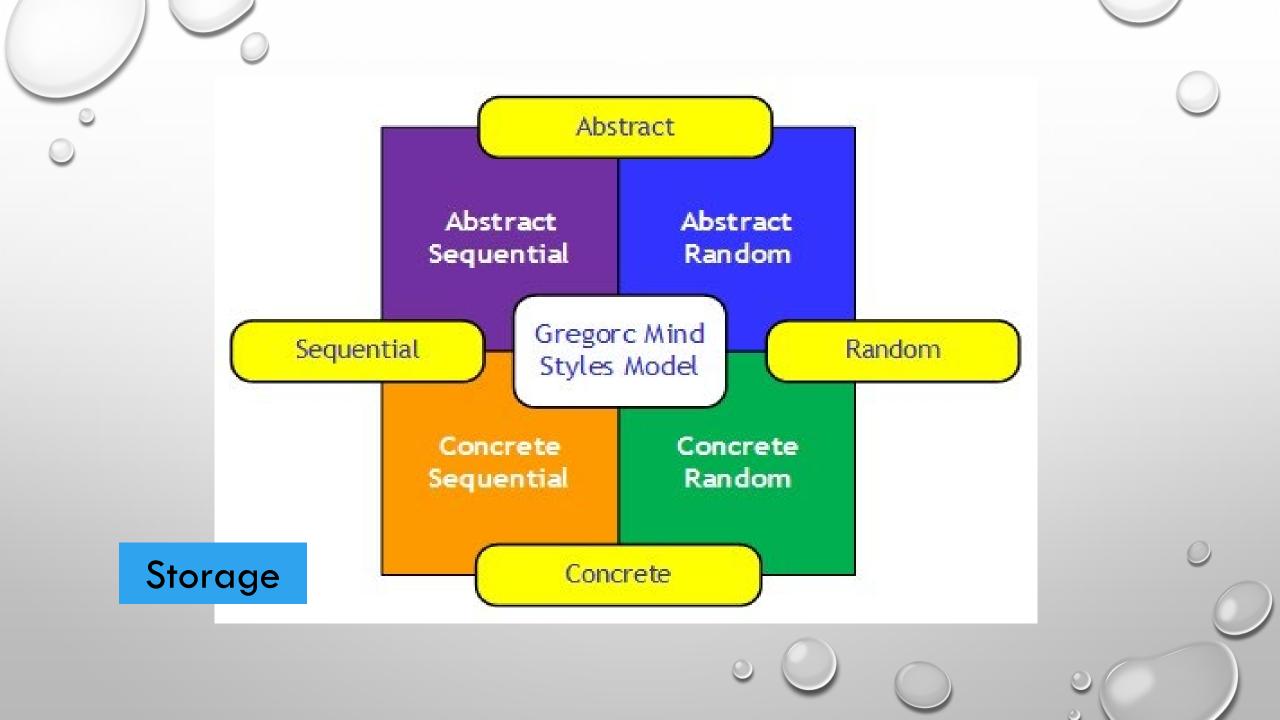
YOU PROCESSING
CHUNKS OF
INFORMATION IN A
LINEAR WAY. YOU
PREFER A PLAN OR SET
OF STEPS TO FOLLOW.

## Sequential access



## Random access





# Combinations of Perceptual and Ordering Ability

- Concrete Sequential (CS)
- Abstract Random (AR)
- Abstract Sequential (AS)
- Concrete Random (CR)

 Each individual has a unique combination of natural strengths and abilities

Sample Footer Text 9/1/2022 11

## **CONCRETE-SEQUENTIAL (LEFT – LEFT)**

• PRACTICAL AND WELL ORGANIZED. THEY LIKE TO PLAN THEIR WORK AND WORK THEIR PLAN.

- THINKING PROCESSES ARE LOGICAL, INSTINCTIVE AND DELIBERATE.
- STRIVE FOR PERFECTION AND HAVE AN EYE FOR DETAIL.
- FOCUS ON MATERIAL REALITY AND PHYSICAL OBJECTS.
- CREATIVITY LIES NOT WITH ORIGINALITY BUT WITH <u>MAKING IT MORE</u> EFFECTIVE THAN THE ORIGINAL.
- PREFER AN ENVIRONMENT THAT IS ORDERED, PRACTICAL, QUIET, AND STABLE.



#### **CONCRETE SEQUENTIAL**



YOU WANT YOUR INFORMATION PRESENTED SEQUENTIALLY WITH CONCRETE FACTS AND DATA.

CONCRETE SEQUENTIAL LEARNERS LEARN WELL
WHEN ONE EXAMPLE OR CONCEPT FOLLOWS
ANOTHER IN A LINEAR WAY. HOPPING AROUND IS A
PROBLEM AND CAN CREATE FRUSTRATION AND
CONFUSION.



#### PLANNING FOR CS PEOPLE

#### **PLEASE GIVE EXAMPLES**

1-

2-

3-

4\_

5-



### **CONCRETE-RANDOM (LEFT – RIGHT)**

- PRACTICAL AND LIVE IN THE PHYSICAL WORLD, BUT THEY LIKE TO LEARN BY TRIAL AND ERROR. RATHER THAN A PLAN, THEY WANT OPTIONS.
- THINKING PROCESSES ARE INSTINCTIVE, INTUITIVE, AND IMPULSIVE.
- EVENTS AFFECTED BY OUTSIDE VARIABLES.
- FOCUS ON PRACTICAL APPLICATIONS, METHODS, AND PROCESSES.
- CREATIVITY IS ORIGINAL, INVENTIVE, AND UNIQUE.
- PREFER AN ENVIRONMENT THAT IS STIMULUS RICH AND COMPETITIVE.



#### **CONCRETE RANDOM**



YOU DON'T CARE WHAT SEQUENCE THE INFORMATION COMES YOUR WAY, AS LONG AS IT'S CONCRETE AND YOU CAN RELATE TO IT.

CONCRETE RANDOM LEARNERS CAN SKIP AROUND PRETTY QUICKLY, BUT THEY NEED EXAMPLES TO LATCH ON TO. THEY'RE PRETTY EFFECTIVE AT CUTTING THROUGH FOG AND FINDING WHERE THE RUBBER MEETS THE ROAD.



#### PLANNING FOR CR PEOPLE

#### **PLEASE GIVE EXAMPLES**

1-

2-

3-

4-

5-

### **ABSTRACT-SEQUENTIAL (RIGHT-LEFT)**

- LIKE TO DEVELOP IDEAS IN A <u>LOGICAL WAY</u>. HOW SOMEONE FEELS ABOUT SOMETHING DOES NOT CHANGE REALITY.
- THINKING PROCESSES ARE INTELLECTUAL, <u>ANALYTICAL</u>, CORRELATIVE, FLUID, AND QUICK.
- LOVES BOOKS.
- FOCUS ATTENTION ON KNOWLEDGE, CONCEPTS, AND IDEAS.
- CREATIVITY LIES WITHIN MODELS, THEORIES, AND SYNTHESIZING.
- PREFER AN ENVIRONMENT THAT IS ORDERED, QUIET, INDEPENDENT, AND MENTALLY STIMULATING.



#### **ABSTRACT SEQUENTIAL**

ABSTRACTIONS ARE GREAT AS LONG AS THEY FOLLOW A SEQUENTIAL FLOW. ABSTRACT SEQUENTIAL LEARNERS LIKE TAKING NOTES, OUTLINING, DOING RESEARCH, AND WRITING REPORTS. WORKING PATIENTLY AND METHODICALLY, BEING PREPARED FOR CLASS. DEBATING AND USING LOGICAL DEDUCTIONS AND RATIONAL ARGUMENTS. MAINTAINING HIGH STANDARDS, WHICH MAY LEAD THEM TO BEING CRITICAL THEIR WORK.



### PLANNING FOR AS PEOPLE

#### **PLEASE GIVE EXAMPLES**

1-

2-

3-

4\_

5-

## **ABSTRACT-RANDOM (RIGHT-RIGHT)**

- WORK FROM THE HEART, NOT THE HEAD. HOW SOMEONE FEELS ABOUT IT MAKES A GREAT DEAL OF DIFFERENCE.
- THINKING PROCESSES ARE BASED IN FEELINGS, WHICH MAKES THIS TYPE OF PERSON GOOD AT ESTABLISHING A RAPPORT WITH PEOPLE.
- MAKE SENSE OF THE WORLD USING FEELINGS AND EMOTIONS.
- FOCUS ON EMOTIONAL ATTACHMENTS, RELATIONSHIPS, AND MEMORIES.
- CREATIVITY IS IMAGINATIVE AND OFTEN EXPRESSED THROUGH MUSIC AND ART.
- PREFER AN ENVIRONMENT OF EMOTIONAL EXPERIENCES, ACTIVE AND COLORFUL, AND PHYSICAL FREEDOM.



#### **ABSTRACT RANDOM**

ABSTRACTIONS ARE GREAT AND IT DOESN'T MATTER WHAT SEQUENCE. ABSTRACT RANDOM LEARNERS HAVE THE SIMPLEST TIME LEARNING BECAUSE THE SEQUENCE DOESN'T MATTER, BUT CAN HAVE A HARD TIME SHARING WHAT THEY KNOW. THEY GET BORED WHEN INFORMATION IS SEQUENTIAL AND DETAILED.



#### PLANNING FOR AR PEOPLE

#### **PLEASE GIVE EXAMPLES**

1-

2-

3-

4-

5-



#### Credits: Prof. Anthony Gregor

Experimenters
Takes more than one viewpoint
Uses divergent thinking ability

Concrete Sequential thinkers

Based on reality Process information in order Hands on is good

Concrete Random Thinkers

Thinking Styles Abstract Sequential Thinkers

Loves theory and abstract thought, concepts Thinking process are logical, rational and intellectual Prefers to work alone

Abstract Random Thinkers Organize information through reflection Real world is "feeling and emotions" Uses natural ability



#### FORMAT - 90 MINUTES

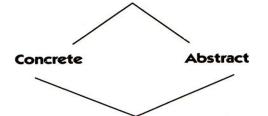
- FALL IN (C) (S)
- GAMES (A) (R)
- HONOR / CLASS WORK (C) (A) (R)
- WORSHIP ONE VERSE (A) (C) (R)
- FALL OUT (R) PRAYER

### Thinking / Storage - Type

The way in which we view the world is called our . . .

#### **Perception**

We perceive in two ways . . .



(S)

The way we use the information we perceive is called . . .

#### **Ordering**

We order in two ways . . .

Sequential Random

Storage



## What's Your Thinking / Storage - Type



Clipboard (concrete sequential)



Puppy (abstract random)



Microscope (abstract sequential)



Beach Ball (concrete random)

Gregory & Chapman

**Test Time**