

Gregorc's Mind-Styles™ model

Abstract/Random/Concrete/Sequential

We are: a Connecticut-based research, training, consulting and publishing firm established in 1981. Our President, Dr. Anthony F. Gregorc, is the creator of the Mind Styles™ Model, originator of the four style types: Concrete Sequential (CS), Abstract Sequential (AS), Abstract Random (AR) and Concrete Random (CR), and the developer of the Gregorc Style Delineator™."

The Gregorc model is a cognitive model designed to reveal two types of abilities: **perception and ordering**.

Perceptual abilities: the means through which information is grasped. Gregorc translates this into two qualities: abstractness and concreteness.

Ordering abilities are the ways the learner organizes information, either sequentially (linearly) or randomly (non-linearly).

Gregorc couples these qualities to form four learning categories: concrete/sequential (CS), abstract/sequential (AS), abstract/random (AR), and concrete/random (CR). Although everyone has all four qualities, most people are predisposed toward one or two of them.

People with a **concrete-sequential** dominant learning-style tend to prefer programmed instruction, workbooks, lab manuals, field trips, and applications.

People with an **abstract-sequential** dominant learning-style tend to prefer lectures, books, syllabi, and guided individual study.

People with a **concrete-random** learning style prefer independent study, games, simulations, and problem solving.

People with an **abstract-random** learning style prefer television, movies, assignments with reflection time, and group discussions."

Dr. Gregorc's Mind-Styles™ model (is based on) how we perceive information (and) how we use (order) the perceived information:

Concrete – Sequential: **systematic**

Abstract – Sequential: **research**

Concrete – Random: **instinctual**

Abstract – Random: **absorption**

Gregorc's Mind Style Characteristics

The **Concrete Sequential** individual:

Needs and enjoys structured situations.
Likes to work with hands-on projects.
Likes things to be ordered and arranged in specific ways.
Likes clear and definite directions.
Is always "busy", looking for constructive things to do, can't sit still for long.
Is a natural organizer.
Prefers to do things step by step.
Follows directions.
Is a natural editor, can take anything and make it better.
Has a great fear of being wrong.

The **Abstract Sequential** individual:

Reads avidly for information and ideas logically presented.
Needs a quiet environment to think and work.
Likes to debate about ideas and controversial issues.
Likes to learn just to learn - self-directed.
Gathers information and analyzes ideas.
Strives for intellectual recognition.
Thinks in a structured, logical and organized way.
Fears appearing foolish or uninformed.

The **Abstract Random** individual:

Dislikes routine procedures and orderliness.
Is extremely sensitive to his/her own and others' feelings.
Is flexible, accepting and responds easily to change.
Learns well through discussion and sharing of ideas.
Is imaginative.
Personalizes information.
Is usually involved in many projects or interest at one time.
Is focused on friends and relationships.
Has a fear of not being liked.

The **Concrete Random** individual:

Is highly curious.
Finds out-of-the-ordinary answers to problems.
Seems driven to say or do things in a way others have not.
Is a risk-taker.
Likes to discover his/her own way of doing things; must test things for self.
Is extremely independent and competitive with self.
Prefers to investigate and experiment; enjoys hands-on experimenting.
Skips steps and details.
Shows original creativity; has varied and unusual ideas.
Has multiple projects going at once.
Finds possibilities, creates change.
Is notorious for not reading directions or instructions.
Fears structure.

Learning Preferences for each Mind Style

Concrete Sequentials prefer:	- Order and quiet - Exact directions - Guided Practice - Know the accepted way of doing something - Can apply ideas in a practical, hands-on way - Are given approval for specific work done
Abstract Sequentials prefer:	- Lecture and reading - Follow traditional procedures - Work alone - Research - Logical explanations - Are respected for intellectual ability
Abstract Randoms prefer:	- Cooperative work - Assignments with room for interpretation - Balance of social activities and work - Noncompetitive atmosphere - Personalized learning - Are given personal attention and emotional support
Concrete Randoms prefer:	- Trial and error approach - Hands-on experiences - Brainstorming and open-ended activities - Produce real, but creative, products - Original and unique approaches to problem solving - Self-directed learning

The different styles struggle with:

Concrete Sequential stretches:	- Making choices - Open ended assignments and "what if" questions - Dealing with opposing views - Taking new approaches - Interpreting abstract ideas - Seeing the forest
Abstract Sequential stretches:	- Expressing emotions - Working cooperatively in groups - Writing creatively - Taking risks or facing the unpredictable - Open ended problems - Placing grades in perspective...reducing perfectionism
Abstract Random stretches:	- Working alone - Attending to details and giving exact answers - Working within time limits - Concentrating on one task at a time - Being corrected - Expecting less emotional response from others
Concrete Random stretches:	- Pacing and meeting time limitations - Completing projects - Choosing one answer - Keeping detailed records - Prioritizing - Accepting others' ideas without showing another way - Accepting when change is impossible

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<http://www.gregorc.com/>

https://www.floatingneutrinos.com/Message/arcs/links_on_abstractrandom.htm#Following%20tables

https://www.floatingneutrinos.com/Message/arcs/concreteabstract__random.htm