Help tutors identify their own Learning Preferences and be able to identify students who may have strong preferences for learning.

Help tutors become more familiar with a variety of study strategies and be able to help students identify some strategies to try.

Add to the repertoire of strategies tutors have available to offer to students to help them be more successful.
The 4MAT System

Designed to provide understanding and insight into individual preferences for learning

Materials developed from 4MAT training materials and from: The 4MAT System by Bernice McCarthy, Excel, Inc. 1981. ISBN# 0-0608992-0-0.
David Kolb identified how we **perceive** new information and experiences.
Kolb also identified how we *process* new information and experiences.
4MAT Conceptual Foundation

Sensing/Feeling

Doing

Watching

Thinking

A printable color model of Kolb’s styles in MSWord

Another description and more in-depth detail about Kolb’s model
Kolb’s descriptors for the four groups were:

1: Diverger  
imaginative  
gestalt  
social

2: Assimilator  
goal setter  
planner  
systematic

3: Converger  
practical  
tinkerer  
doer

4: Accommodator  
adaptive  
pushy  
trial & error

Sensing/Feeling

Watching

Thinking

Doing
4MAT Conceptual Foundation

Carl Jung

Sensing/Feeling

1: Feelers

2: Thinkers

3: Sensors

4: Intuitors

Doing

Watching

Thinking
The 4MAT System

Bernice McCarthy

1: Innovative learners

2: Analytic learners

3: Common sense learners

4: Dynamic learners

Sensing/Feeling

Doing

Watching

Thinking
Try an online learning preference test through the “oncourse” link to Learning Styles Inventory at

http://college.hmco.com/collegesurvival/downing/on_course/4e/students/links/index.html
Quadrant One
Innovative Learners

Perceive:
Sensing/Feeling

Process:
Watching

Why?
Quadrant Two
Analytic Learners

Perceive:
Thinking

Process:
Watching

What?
Quadrant Three
Common Sense Learners

How does it work?

Process: Doing

3

Perceive: Thinking
Quadrant Four
Dynamic Learners

Perceive: Sensing/Feeling

Process: Doing

What now, What if...?
The 4MAT System

Dynamic Learners

Innovative Learners

Common Sense Learners

Analytic Learners
Learning Style Preference
Insights & Sharing

Dynamic Learners

Innovative Learners

Common Sense Learners

Analytic Learners
Identify and share which quadrant’s characteristics fit you best and why.
Insights & Sharing

As you were learning about the characteristics of the quadrants, did someone you know come to mind?
Learning Preferences
Learning Cycle

1. Purpose/Hook
   - Learner’s Experience
   - Instructor motivates/witnesses

2. Content
   - Learner’s Observation
   - Instructor teaches

3. Practice
   - Learner’s Experimentation
   - Instructor coaches

4. Presenting/sharing
   - Learner’s Conceptualization
   - Instructor evaluates/remediates

Instructor
- motivates/witnesses
- teaches
- coaches
- evaluates/remediates

Learner
- Experience
- Observation
- Conceptualization
- Experimentation
- Practice
- Presenting/sharing
Learning Cycle

Answer the 4 questions

1. WHY?
2. WHAT?
3. HOW?
4. WHAT IF...?
Traditional Education

Diagram:

- Top left: Lecture
- Top right: Homework/Test
- Bottom left: Homework/Test
- Bottom right: Lecture

Legend:
- 1: Lecture
- 2: Homework/Test
- 3: Homework/Test
- 4: Lecture
Traditional Education
Implications for Learning

Answer the 4 questions

WHAT IF...?  WHY?

4  1

HOW?  WHAT?

3  2
Hemisphericity & Learning Styles
Hemisphericity & Learning Styles
Hemispheric Characteristics

A summary of the left brain characteristics could include:

- Sequential
- Organized
- Logical
- Analytical

A summary of the right brain characteristics could include:

- Intuitive
- Non-linear
- Spontaneous
- Holistic

More info at: http://tolearn.net/hypertext/brain.htm or Go to the link below, open quiz, record your answers, look at the answer key link, score your responses:

http://www.education-world.com/a_tsl/archives/00-1/lesson0020.shtml
Hemispheric Characteristics

There is:

no right or wrong,

no better or worse,

only a major or minor preference.
Hemispheric Characteristics
Hemispheric Characteristics

R or L?

1

R or L?

2

R or L?

3

R or L?

4
4MAT as a Tool for Learning

McCarthy has incorporated the model below and credits Dr. Rick Sheets with this explanation.
Implications for Learning

What can help the learner succeed?

1's--understanding the purpose or the big picture.

2's--understanding the logic, order, or sequence of the concepts or ideas.

3's--practicing and even creating some of their own problems or applications.

4's--sharing how they will use this concept.
Applying 4MAT
The whole point of the 4MAT System is to better understand learning preferences and, in doing so, to honor, and celebrate those differences.
We are not to be copies.
Each of us is an Original!