A blue spiral-bound notebook with silver rings at the top. The text is centered on the page.

What's YOUR Learning Style?

Purpose:

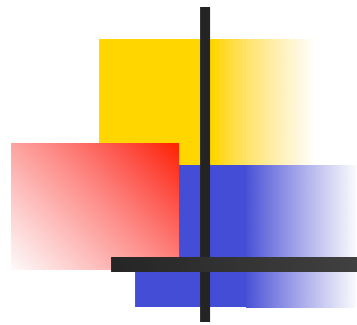
- To learn about learning styles
- To understand the differences between learning styles.
- To identify your own learning style



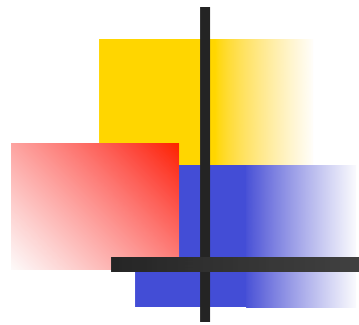
Multiple Intelligence

“An intelligence is the ability to solve problems, or to create products, that are valued within one or more cultural setting”

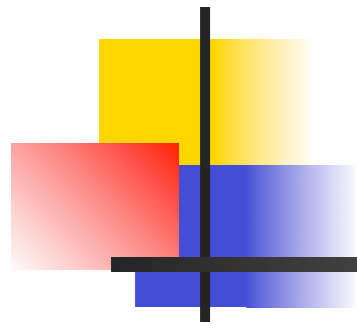
Howard Gardner



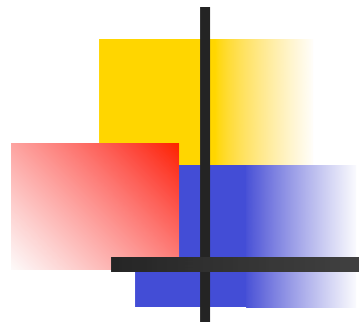
The various modes in which children acquire knowledge are as diverse as the color of the rainbow.



It should be the responsibility of the school system to identify student's learning styles.



Parents should also need to be aware of their children learning styles, and help them to be better citizens.



In today's world, children are technology savvy and the school system should implement different technologies to address learning needs of students.



Verbal-Linguistic Intelligence

Well-developed verbal skills and sensitivity to the sounds, meanings and rhythms of words

- Provide opportunities to visit the public library and local bookstore
- Play games such as scrabble, Yahtzee, and Boggle



Verbal-Linguistic Intelligence

- Word processing (Word, Appleworks) - writing, rewriting, process writing
- Brainstorming, listing, review terms, writing definitions, listing ideas
- Writing a video script
- Voice annotation in word processing
- Using comments in word processing



Mathematical-Logical Intelligence

Ability to think conceptually and abstractly, and capacity to discern logical or numerical patterns

- Show your child how to use a calculator
- Ask your child to help set the table, sort clothes, or organize the desk drawer



Mathematical-Logical Intelligence

- Scientific equipment (probes)
- Science and math software
- Spreadsheets
- Statistics
- Graphing calculators and software
- Problem solving software
- Webquests
- Computer-aided design - for problem solving
- Strategy, logic, and critical thinking software



Musical Intelligence

Ability to produce and appreciate rhythm, pitch and timber

- Provide opportunities to attend concerts and musical events
- If possible, involve your child in some type of music lessons



Musical Intelligence

- Video and audio recorders - digitize singing, musical instruments
- Sound and music files
- Music generation software
- Animation - Macromedia Flash
- Music composition software
- Interactive books with audio elements



Visual-Spatial Intelligence

Capacity to think in images and pictures, to visualize accurately and abstractly

- Visit art museums
- Provide a variety of art mediums such as paints, crayons, and magic markers for your child to use



Visual-Spatial Intelligence

- CAD - Computer-Aided Design
- Animation software
- Puzzle building tools
- Draw programs - Illustrator, CorelDraw
- Paint programs - Photoshop, Paint, KidPix, AppleWorks
- Desktop presentation (PowerPoint, Astound) - visual layout aspect
- Computer-generated charts, graphs, and tables (Graph Action; Graph Club)



Bodily-Kinesthetic Intelligence

Ability to control one's body movements and to handle objects skillfully

- Involve your child in dancing, acting, or sport activities
- Walk, jog, hike, or play sports as a family



Bodily-Kinesthetic Intelligence

- Keyboarding, mouse, joystick, and other devices for movement
- Scientific probes and microscopes
- Video production - skits, dances, sports, role playing, demonstrations
- Animation - Macromedia Flash
- Virtual Field Trip - using and creating
- Lego Logo and Robotics - other construction kit projects



Interpersonal Intelligence

Capacity to detect and respond appropriately to the moods, motivations and desires of others

- Play family games
- Encourage your child to participate in group activities



Interpersonal Intelligence

- Peer tutoring
- Blogs
- Email projects
- Chat
- Word processing - chain writing, group editing, peer writing, brainstorming
- Group presentations (PowerPoint)



Intrapersonal Intelligence

Capacity to be self-aware and in tune with inner feelings, values, beliefs and thinking processes

- Give your child time to work or play alone
- Encourage your child to keep a diary or journal



Intrapersonal Intelligence

- Computer-based journaling
- Problem solving software - self paced software
- Internet research - self paced
- Word processing - brainstorming, diaries, journals
- Multimedia portfolios



Naturalist Intelligence

Ability to recognize and categorize plants, animals and other objects in nature

- Visit the zoo and garden
- Take a walk through the park



Naturalist Intelligence

- Audio and video cameras - record natural world
- Digital cameras - record natural world, field trips
- Word processing - journaling, natural information
- Use microscopes and probes - nature up close



Existential Intelligence

Sensitivity and capacity to tackle deep questions about human existence, such as the meaning of life, why do we die, and how did we get here.

- Visit a museum
- Have your child take care of a pet



Existential Intelligence

- Email
- Chat
- Teleconferencing, and other interactive communication tools to help students address their questions



Differentiated Instruction

- Differentiated instruction is an approach to planning so that one lesson is taught to the entire class while meeting the individual needs of each child.



Rationale

- No two children are alike
- No two children learn the identical way
- An enriched environment for one student is not necessarily enriched for another.



Teachers Must:

- Differentiate readiness (assessment)
- Differentiate interest
- Differentiate learning style



Ways to Differentiate Instruction

- Differentiating the Content / Topic
- Differentiating the Process / Activities
- Differentiating the Product
- Differentiating By Manipulating The Environment or Through Accommodating Individual Learning Styles



Definition of Learning Style

- Learning Style: "The way each learner begins to concentrate on, process, absorb and retain new and difficult information".



Learning Styles

- Visual / Verbal
- Visual / Nonverbal
- Tactile / Kinesthetic
- Auditory / Verbal Learning Style



More Types of Learning Styles

- Environmental
- Emotionality
- Sociological / Physiological
- Cognitive / Psychological



Curriculum should not be “One Size Fits All”!

- We must constantly review our techniques and determine if we are meeting the needs of every individual.
- How about instead of “No Child Left Behind” we say “No Learning Style Left Out”.



Think about it...

- What ways do you already incorporate differentiated instruction in your classroom?
- What differentiated instruction strategies will you incorporate in future classes?

Thank you!