

TAXONOMY OF THINKING SKILLS (TOTS)

Higher Order Thinking (HOT): Critical & Creative Thinking Skills

information is transformed and created

Critical Thinking Skills

Information is transformed

Parse
Evaluate
Infer
Shift Perspective
Transform

Creative Thinking Skills

information is created

Imagine
Interpret/Synthesize
Induce/Theorize
Reframe
Generate

Conceptual Thinking

CONTINUUM

Practical Thinking

Conceptual Thinking

CONTINUUM

Practical Thinking

Middle Order Thinking (MOT): Logical Thinking Skills

Information is utilized

Characterize
Associate/Differentiate
Categorize
Sequence/Pattern
Calculate
Connect Causes and Effects
Represent
Deduce

Lower Order Thinking (LOT): Functional Thinking Skills

Information is taken in

Imitate/Copy
Follow Rules and Directions
Memorize/Remember/Recall
Know or Do by Rote
Collect information/Quantify

Key Thinking Processes

Choose/Make Decisions
Solve Problems
Plan/Strategize
Analyze
