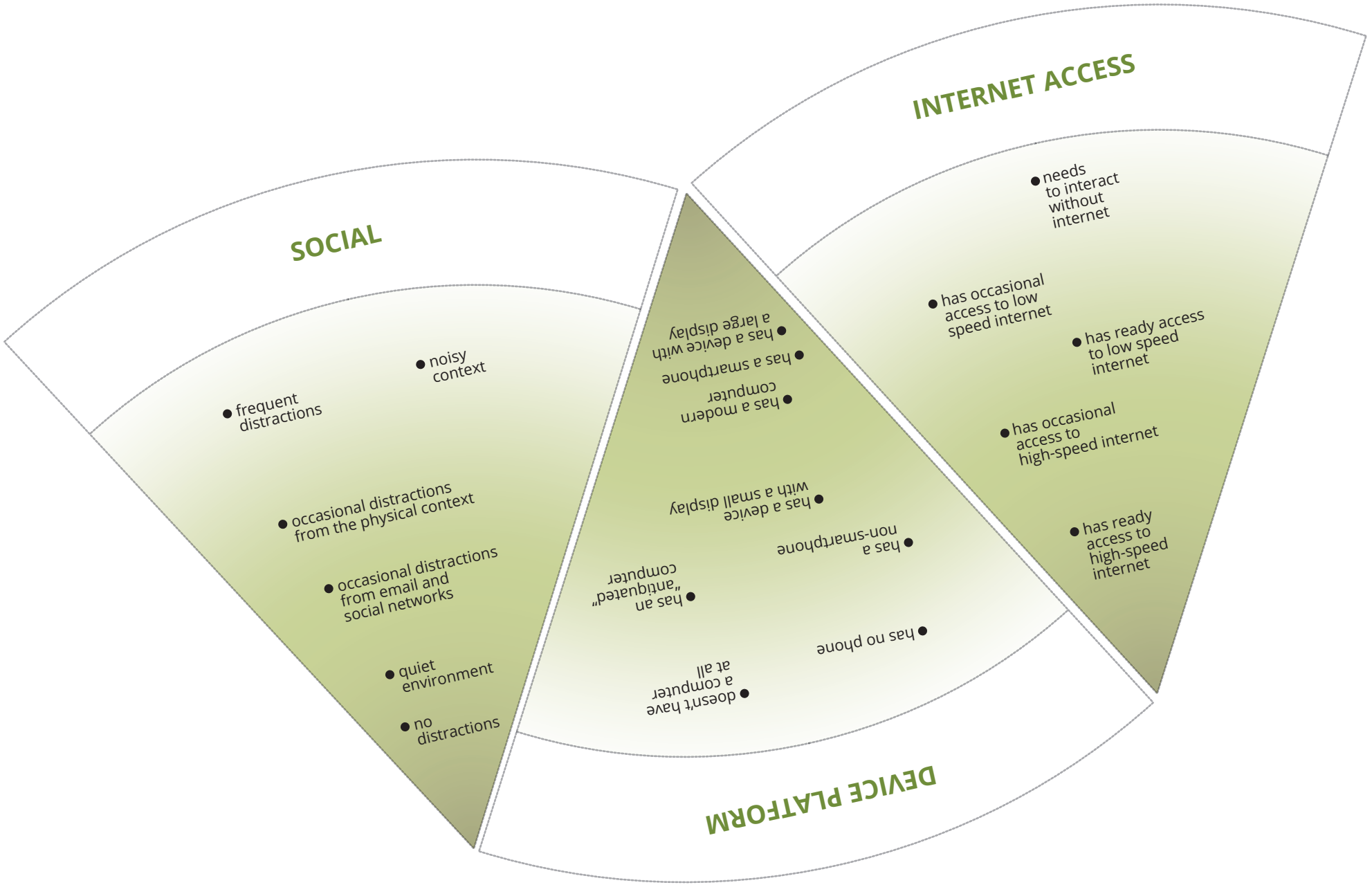
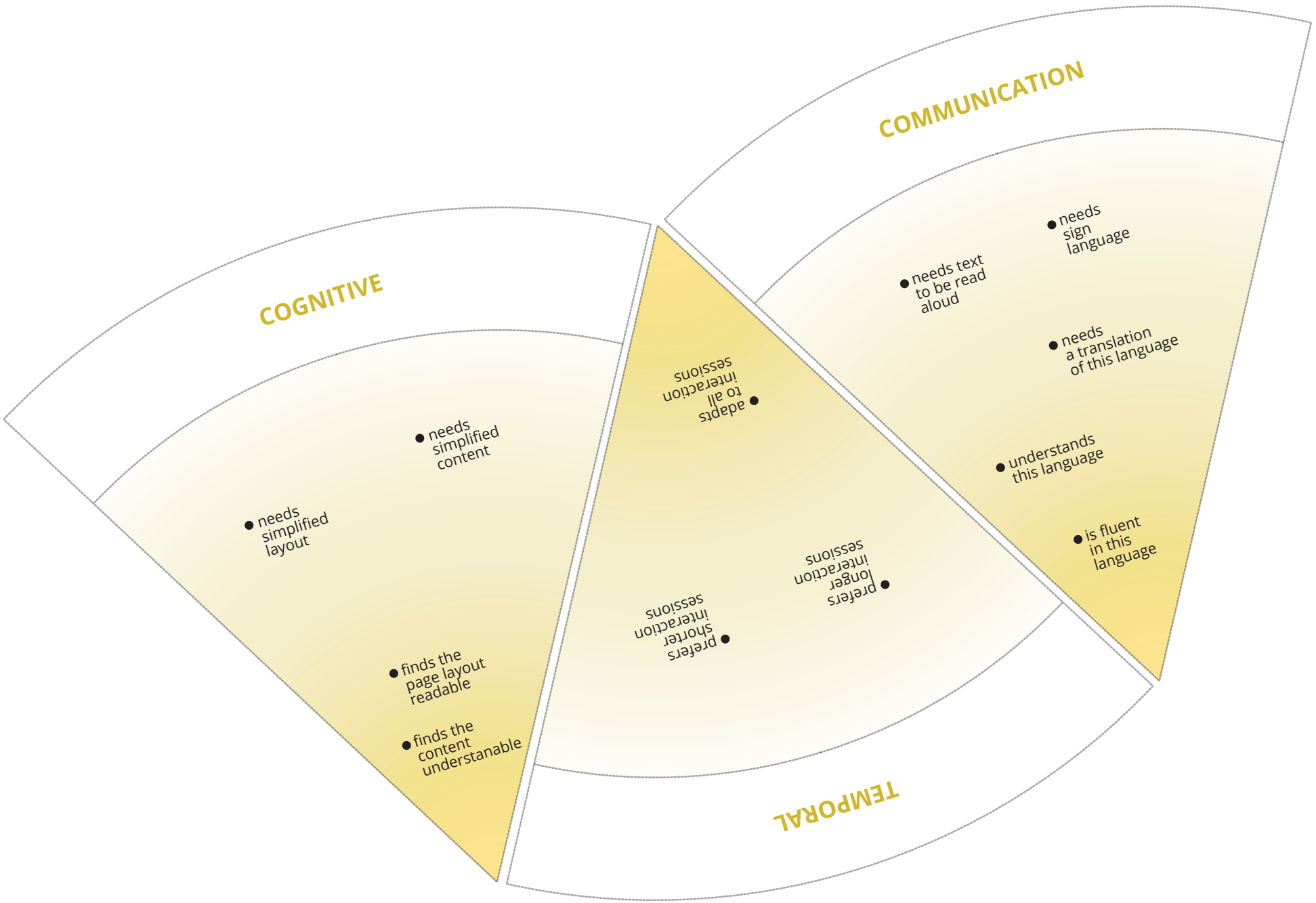
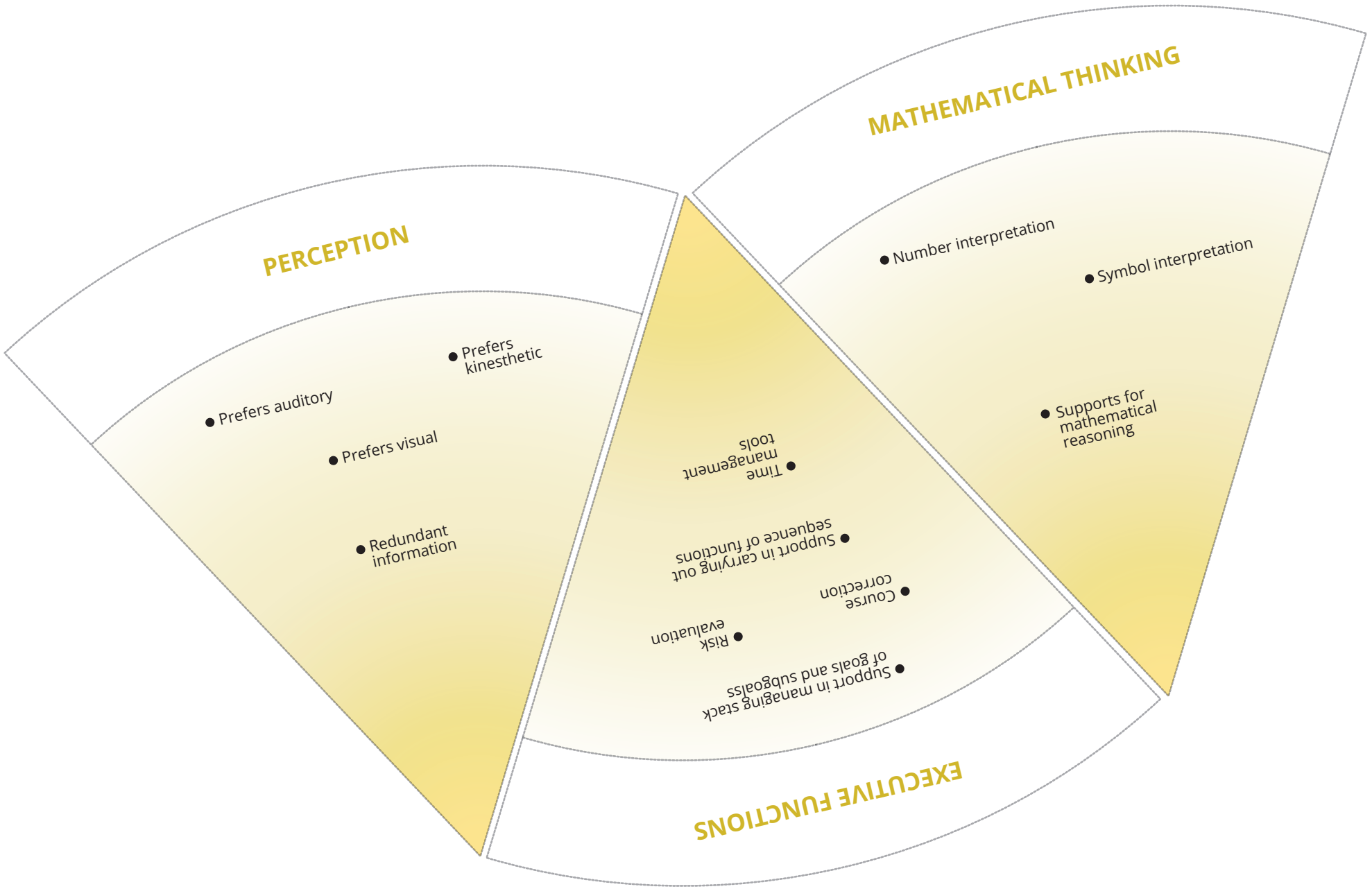

SOCIAL
frequent distractions
noisy context
occasional distractions from the physical context
occasional distractions from email and social networks
quiet environment
no distractions
INTERNET ACCESS
needs to interact without internet
has occasional access to low speed internet
has ready access to low speed internet
has occasional access to high-speed internet
has ready access to high-speed internet
DEVICE PLATFORM
has a modern computer
has a smartphone
has a device with a large display
has a device with a small display
has a non-smartphone
has an "antiquated" computer
has no phone
doesn't have a computer at all

SENSORY
needs an alternative to all visual information
needs braille
needs tactile graphics
needs an alternative to all audio
needs an alternative to colours
needs to enhance audio
needs to enhance visibility
needs an alternative to aural interactions
can hear well
can speak well
can see well
DEXTERITY
needs an alternative to a pointing device
needs an alternative to a keyboard
needs an alternative way to hold down two keys at a time
needs an alternative keyboard layout
needs a modified pointing device
needs a way to stabilize to point
uses a automatic scanning
uses manual scanning
uses directed scanning
uses voice recognition
uses an eye-tracking to point and select
needs a modified keyboard
uses binary code
uses quadrant code
can use a pointing device and a keyboard well
LEARNING MANAGEMENT
self-directed arrangement
constructive, collaborative arrangement
instructor-facilitated arrangement


COGNITIVE
needs simplified content
needs simplified layout
finds the page layout readable
finds the content understanable
COMMUNICATION
needs sign language
needs text to be read aloud
needs a translation of this language
understands this language
is fluent in this language
TEMPORAL
adapts to all interaction sessions
prefers longer interaction sessions
prefers shorter interaction sessions


PERCEPTION
Prefers auditory
Prefers visual
Prefers kinesthetic
Redundant information
MATHEMATICAL THINKING
Number interpretation
Symbol interpretation
Supports for mathematical reasoning
EXECUTIVE FUNCTIONS
Time management tools
Support in carrying out sequence of functions
Course correction
Risk evaluation
Support in managing stack of goals and subgoalss

ATTENTION
Personalized audio background
Personalized visual background
Figure-ground supports (e.g., simplified or emphasized)
SPEED OF REASONING
More time or no time limit
Logic tracking support
PROBLEM SOLVING
Error management supports
Research tools
Evaluation tools
Navigation supports
Personalized mental models
Decision supports

LANGUAGE
Supports for emotional control, expression & understanding
Symbol interpretation
Text interpretation
MEMORY
Support for procedural memory (e.g., consistency of procedure)
Reminders
Support for declarative memory
Memory cues for sequence of actions