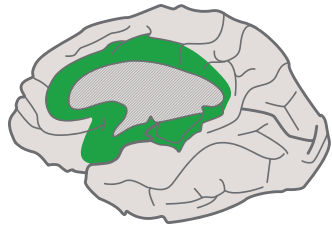


# Universal Design for Learning Guidelines



## Provide Multiple Means of Engagement

*Purposeful, motivated learners*

### Provide options for self-regulation

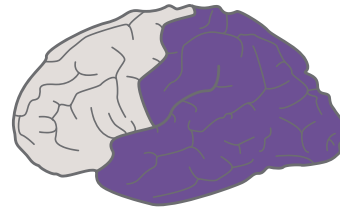
- + Promote expectations and beliefs that optimize motivation
- + Facilitate personal coping skills and strategies
- + Develop self-assessment and reflection

### Provide options for sustaining effort and persistence

- + Heighten salience of goals and objectives
- + Vary demands and resources to optimize challenge
- + Foster collaboration and community
- + Increase mastery-oriented feedback

### Provide options for recruiting interest

- + Optimize individual choice and autonomy
- + Optimize relevance, value, and authenticity
- + Minimize threats and distractions



## Provide Multiple Means of Representation

*Resourceful, knowledgeable learners*

### Provide options for comprehension

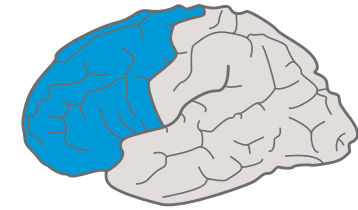
- + Activate or supply background knowledge
- + Highlight patterns, critical features, big ideas, and relationships
- + Guide information processing, visualization, and manipulation
- + Maximize transfer and generalization

### Provide options for language, mathematical expressions, and symbols

- + Clarify vocabulary and symbols
- + Clarify syntax and structure
- + Support decoding of text, mathematical notation, and symbols
- + Promote understanding across languages
- + Illustrate through multiple media

### Provide options for perception

- + Offer ways of customizing the display of information
- + Offer alternatives for auditory information
- + Offer alternatives for visual information



## Provide Multiple Means of Action & Expression

*Strategic, goal-directed learners*

### Provide options for executive functions

- + Guide appropriate goal-setting
- + Support planning and strategy development
- + Enhance capacity for monitoring progress

### Provide options for expression and communication

- + Use multiple media for communication
- + Use multiple tools for construction and composition
- + Build fluencies with graduated levels of support for practice and performance

### Provide options for physical action

- + Vary the methods for response and navigation
- + Optimize access to tools and assistive technologies

# Universal Design for Learning Guidelines

Provide Multiple Means of Engagement	Provide Multiple Means of Representation	Provide Multiple Means of Action and Expression
Provide options for self-regulation	Provide options for comprehension	Provide options for executive functions
Provide options for sustaining effort and persistence	Provide options for language, mathematical expressions, and symbols	Provide options for expression and communication
Provide options for recruiting interest	Provide options for perception	Provide options for physical action
<i>Purposeful, motivated learners</i>	<i>Resourceful, knowledgeable learners</i>	<i>Strategic, goal-directed learners</i>