CEEDAR CENTER

Universal Design for Learning CEM

# 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