Universal Design for Learning Guidelines CAST | Until learning has no limits

|  | Provide multiple means of**Engagement**Affective NetworksThe “WHY” of Learning | Provide multiple means of**Representation**Recognition NetworksThe “WHAT” of Learning | Provide multiple means of**Action & Expression**Strategic NetworksThe “HOW” of Learning |
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| **Access** | Provide options for Recruiting Interest * Optimize individual choice and autonomy
* Optimize relevance, value, and authenticity
* Minimize threats and distractions
 | Provide options for Perception * Offer ways of customizing the display of information
* Offer alternatives for auditory information
* Offer alternatives for visual information
 | Provide options for Physical Action * Vary the methods for response and navigation
* Optimize access to tools and assistive technologies
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| **Build** | Provide options for Sustaining Effort & 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 **Language & 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 Expression & Communication * Use multiple media for communication
* Use multiple tools for construction and composition
* Build fluencies with graduated levels of support for practice and performance
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| **Internalize** | 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 **Comprehension** * Activate or supply background knowledge
* Highlight patterns, critical features, big ideas, and relationships
* Guide information processing and visualization
* Maximize transfer and generalization
 | Provide options for **Executive Functions** * Guide appropriate goal-setting
* Support planning and strategy development
* Facilitate managing information and resources
* Enhance capacity for monitoring progress
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| **Goal** | **Expert learners** who are...**Purposeful & Motivated** | **Expert learners** who are...**Resourceful & Knowledgeable** | **Expert learners** who are...**Strategic & Goal-Directed** |

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