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

|  | Provide multiple means of  **Engagement**  Affective Networks  The “WHY” of Learning | Provide multiple means of  **Representation**  Recognition Networks  The “WHAT” of Learning | Provide multiple means of  **Action & Expression**  Strategic Networks  The “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 |
| **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 |
| **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 |
| **Goal** | **Expert learners** who are...  **Purposeful & Motivated** | **Expert learners** who are...  **Resourceful & Knowledgeable** | **Expert learners** who are...  **Strategic & Goal-Directed** |

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