### Provide multiple means of Engagement

**Affective Networks**

**The "WHY" of Learning**

- Provide options for **Recruiting Interest**
  - Optimize individual choice and autonomy
  - Optimize relevance, value, and authenticity
  - Minimize threats and distractions

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

### Provide multiple means of Representation

**Recognition Networks**

**The "WHAT" of Learning**

- 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 **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 multiple means of Action & Expression

**Strategic Networks**

**The "HOW" of Learning**

- Provide options for **Physical Action**
  - Vary the methods for response and navigation
  - Optimize access to tools and assistive technologies

- 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

- 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**
  - **Resourceful & Knowledgeable**
  - **Strategic & Goal-Directed**
## 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

<table>
<thead>
<tr>
<th>Access</th>
<th>Provide options for Recruiting Interest</th>
<th>Provide options for Perception</th>
<th>Provide options for Physical Action</th>
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<tbody>
<tr>
<td>Build</td>
<td>Provide options for Sustaining Effort &amp; Persistence</td>
<td>Provide options for Language &amp; Symbols</td>
<td>Provide options for Expression &amp; Communication</td>
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<tr>
<td>Internalize</td>
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