

## The Brain: Developing Lifelong Learning Habits

In *The Brain: Developing Lifelong Learning Habits*, you will learn about the thinking and learning skills that today's students should be cultivating to become successful adults in the dynamic, rapidly changing, and "flattened" world into which they will graduate.

You will be introduced to the idea of habits of mind; survey 16 distinct ways of seeing, understanding, and interacting with the world; and learn instructional strategies to help your students develop each of these thinking and learning habits. In Modules 3–6, there are also activity suggestions and materials that you can download and use in elementary or secondary classrooms.

### Course Objectives

After completing this course, you should be able to:

#### Module 1

- Explore how the changing job market will make collaboration, critical thinking, and lifelong learning crucial skills for tomorrow's workers.
- Embed an emphasis on collaboration and critical thinking within core curriculum instruction and assessment.

#### Module 2

- Define the habits of mind and explain their importance in developing lifelong learners.
- Connect thinking and learning habits to personal moments of success and achievement.

#### Module 3

- Explore the value of habits of mind relating to persistence and questioning.
- Design instruction to encourage and strengthen persistence and questioning.

#### **Module 4**

- Explore the value of habits of mind relating to independent and creative thinking.
- Design instruction to encourage and strengthen independent and creative thinking.

#### **Module 5**

- Explore the value of habits of mind relating to openness and curiosity.
- Design instruction to encourage and strengthen openness and curiosity.

#### **Module 6**

- Explore the value of habits of mind relating to listening and understanding.
- Design instruction to encourage and strengthen listening and understanding.

## Course Syllabus

<b>Module 1</b>	<b>21st Century Minds</b>  Module Welcome <ul style="list-style-type: none"><li>• Video: The InfoWhelm World</li><li>• Reading: 21st Century Skills</li><li>• Reading: <i>Educational Leadership</i>—Lifelong Learning (A View from 1975)</li><li>• Video: Changing the Pedagogical DNA</li><li>• Reading: <i>Educational Leadership</i>—Measuring What Matters</li><li>• Knowledge Check</li><li>• Application: Adapting Old Lessons for New Skills</li><li>• Module Review</li><li>• Post-Module Reflection</li></ul>
<b>Module 2</b>	<b>Habits of Mind</b>  Module Welcome <ul style="list-style-type: none"><li>• Reading: What Are Habits of Mind?</li><li>• Video: Art Costa on Habits of Mind</li><li>• Reading: <i>Educational Leadership</i>—The Essential Cognitive Backpack</li><li>• Video: Solving New Problems</li><li>• Knowledge Check</li><li>• Application: My Personal Habits of Mind</li><li>• Module Review</li><li>• Post-Module Reflection</li></ul>
<b>Module 3</b>	<b>Seeking and Striving</b>  Module Welcome

	<ul style="list-style-type: none"> <li>• Reading: Habits of Persistent Questioning</li> <li>• Video: Socratic Seminars</li> <li>• Reading: <i>Educational Leadership</i>—What Would Socrates Say?</li> <li>• Reading: <i>Educational Leadership</i>—The Strive of It</li> <li>• Knowledge Check</li> <li>• Tools You Can Use</li> <li>• Application: Strategies for Teaching Persistence</li> <li>• Module Review</li> <li>• Post-Module Reflection</li> </ul>
<p><b>Module 4</b></p>	<p><b>Thinking and Creating</b></p> <p>Module Welcome</p> <ul style="list-style-type: none"> <li>• Reading: Habits of Independent Thinking</li> <li>• Video: Where Good Ideas Come From</li> <li>• Video: A Sculptor’s Process</li> <li>• Reading: <i>Educational Leadership</i>—Why Creativity Now?</li> <li>• Knowledge Check</li> <li>• Tools You Can Use</li> <li>• Application: Strategies for Teaching Independence</li> <li>• Module Review</li> <li>• Post-Module Reflection</li> </ul>
<p><b>Module 5</b></p>	<p><b>Wondering and Appreciating</b></p> <p>Module Welcome</p> <ul style="list-style-type: none"> <li>• Reading: Habits of Openness</li> <li>• Reading: <i>Educational Leadership</i>—Of Whales and Wonder</li> <li>• Video: How Humor Affects Learning</li> <li>• Knowledge Check</li> </ul>

	<ul style="list-style-type: none"><li>• Tools You Can Use</li><li>• Application: Strategies for Teaching Openness</li><li>• Module Review</li><li>• Post-Module Reflection</li></ul>
<b>Module 6</b>	<b>Patience and Empathy</b>  Module Welcome <ul style="list-style-type: none"><li>• Reading: Habits of Patience and Empathy</li><li>• Video: The Empathic Civilization</li><li>• Reading: <i>Educational Leadership</i>—A Pebble in a Pond</li><li>• Knowledge Check</li><li>• Tools You Can Use</li><li>• Application: Strategies for Teaching Connectedness</li><li>• Module Review</li><li>• Post-Module Reflection</li></ul>

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