

How Cognitive Skills Relate to Mississippi Curriculum Test Questions



Reading:

Cognitive Skill	Application to MCT Questions	BrainWare Safari Exercises Developing the Skill
<p>Sustained Attention – the ability to stay on task for a sustained period of time.</p>	<p>Reading a passage for comprehension requires sustained attention. If attention is not sustained, parts of the passage may not be processed or understood.</p>	<p>Most BrainWare Safari exercises work on sustained attention, including <i>Iguana Lookout</i>, <i>Jungle Labyrinth</i>, <i>Rhythm Ribbet</i>, and <i>Slithering Symbols</i>.</p>
<p>Visual Sequential Memory – the ability to recall a sequence of bits of information in the same order as originally received.</p>	<p>After reading a passage on exercise, “Here are some of the steps in doing warm-ups before exercises. After which step should this box be placed?”</p>	<p><i>Arrow Point Bridge</i>, <i>Bear Shuffle</i>, <i>Rhythm Ribbet</i> and <i>Slithering Symbols</i> are exercises that work on visual sequential memory.</p>
<p>Conceptual Thinking – the ability to recognize a collection of features that go together to create an idea or category of ideas.</p>	<p>After reading a short passage, “In which of the following sources would this passage most likely be found?”</p>	<p><i>Ancient Logic and Reasoning</i> and <i>Llama Logic</i> help develop conceptual thinking skills.</p>

There are many cognitive skills involved in learning as well as being tested on what one has learned. This document provides examples of how the Mississippi Curriculum Test places demands on cognitive skills. This is not meant to provide a complete perspective on cognitive skills or a thorough analysis of the MCT. These are simply examples for illustration. BrainWare Safari is a product of Learning Enhancement Corporation. It is a comprehensive program that develops 41 cognitive skills in a fun and entertaining video game format. For more information, contact Learning Enhancement Corporation at www.BrainWareforYou.com or 877-BRAIN-10 (877-272-4610). Examples taken from released test items grade 4 (Math, Reading) and grade 5 (Science).

How Cognitive Skills Relate to Mississippi Curriculum Test Questions



Mathematics:

Cognitive Skill	Application to MCT Questions	BrainWare Safari Exercises Developing the Skill
<p>Visualization – the ability to recall an image of what has been seen and to mentally manipulate and change aspects of that image in the mind.</p>	<p>“Look at the pattern below. Which of these are the next three shapes in the pattern?”</p>	<p>Most BrainWare Safari exercises develop visualization skills. Such exercises include Cave Comparisons, Piranha Pass, Web Weaving, and Whispering Waterfall.</p>
<p>Oculomotor – the ability to use the eyes efficiently to read and gather information from the environment.</p>	<p>Shown a pie graph without numerical data, “Cristina read 24 books last month. The circle graph below shows the books Cristina read. How many science fiction books did Cristina read last month?”</p>	<p>Iguana Lookout, Jungle Labyrinth, Piranha Pass, Sky Scanning and Turtle Recall address oculomotor skills.</p>
<p>Working Memory – the ability to hold information in the mind while performing a mental operation on it.</p>	<p>“Roger went to the music store with \$25.00. The prices of the CDs he bought were \$10.99, \$6.15, and \$5.99. About how much change did Roger get back?”</p>	<p>Bear Shuffle, Cave Comparisons, Memory Mountain and Tree Tic-Tac-Toe are among the exercises that improve working memory skills.</p>

There are many cognitive skills involved in learning as well as being tested on what one has learned. This document provides examples of how the Mississippi Curriculum Test places demands on cognitive skills. This is not meant to provide a complete perspective on cognitive skills or a thorough analysis of the MCT. These are simply examples for illustration. BrainWare Safari is a product of Learning Enhancement Corporation. It is a comprehensive program that develops 41 cognitive skills in a fun and entertaining video game format. For more information, contact Learning Enhancement Corporation at www.BrainWareforYou.com or 877-BRAIN-10 (877-272-4610). Examples taken from released test items grade 4 (Math, Reading) and grade 5 (Science).

How Cognitive Skills Relate to Mississippi Curriculum Test Questions



Science:

Cognitive Skill	Application to MCT Questions	BrainWare Safari Exercises Developing the Skill
<p>Visual Discrimination – the ability to distinguish differences.</p>	<p>Look at the graph below. “Which of the following animals belongs in the larger group shown on the graph?”</p>	<p>BrainWare Safari exercises that develop visual discrimination include Cave Comparisons, Jumping Jaguar Flash, Sky Scanning and Volcanic Patterns.</p>
<p>Reasoning – the ability to form concepts and solve problems using unfamiliar information.</p>	<p>“Noel looks at a star in the night sky. How would the star look if it was closer to Earth?”</p>	<p>Ancient Logic and Reasoning and Piranha Pass are two of the exercises that develop reasoning skills.</p>
<p>Logic – the ability to reason and think rationally and analytically.</p>	<p>“The antlers of a male deer look as if they could make it difficult for the deer to escape predators. How do antlers MOST LIKELY help deer in their environment?”</p>	<p>Llama Logic and Tree Tic-Tac-Toe are two of the exercises that develop logic skills.</p>

There are many cognitive skills involved in learning as well as being tested on what one has learned. This document provides examples of how the Mississippi Curriculum Test places demands on cognitive skills. This is not meant to provide a complete perspective on cognitive skills or a thorough analysis of the MCT. These are simply examples for illustration. BrainWare Safari is a product of Learning Enhancement Corporation. It is a comprehensive program that develops 41 cognitive skills in a fun and entertaining video game format. For more information, contact Learning Enhancement Corporation at www.BrainWareforYou.com or 877-BRAIN-10 (877-272-4610). Examples taken from released test items grade 4 (Math, Reading) and grade 5 (Science).