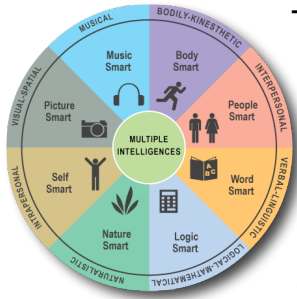


Learning Theories in Putting Together the Visual Installation (With the collaboration of Dr. Pedro O. Schuck)

Howard Gardner Multiple Intelligences



The **Putting Together the Visual** installation functions as a practical and conceptual tool for developing visual thinking skills. The process of assembling fragmented images requires participants to actively interpret visual information, recognize spatial relationships, identify patterns, and construct meaning through observation and experimentation. Rather than simply viewing an image as a complete and fixed representation, participants engage in a dynamic process of analysis and reconstruction.

The project assumes that individuals possess nine intelligences among which the visual-spatial stands out and works to develop the visual-spatial intelligence that all people possess. Howard Gardner, Hobbs Professor of Cognition and Education at Harvard University, defined visual-spatial intelligence as the ability to create and imagine drawings in two or three dimensions. In addition, it is the ability to manage, understand and transform the different spaces. This type of intelligence makes it easy to remember objects, such as artwork; in the same way we remember words.

Visual Thinking Skills in Puzzle Building

In the context of technologically driven visual cultures, puzzle building slows down the rapid consumption of images commonly associated with digital media. Instead of passively scrolling through visual content, participants engage in sustained attention and tactile interaction. The fragmented image demands close observation and interpretive decision-making, encouraging deeper forms of visual literacy and critical engagement.



Image by Freepik

Within the **Putting Together the Visual** installation, puzzle building therefore operates not simply as a recreational activity, but as a contemporary artistic and pedagogical strategy for cultivating visual thinking skills. It allows participants to develop creative visual-spatial intelligence while critically engaging with images that reflect political, cultural, ecological, and personal experiences.

“Engaging in puzzle-solving activities can help develop a range of valuable skills that can benefit various aspects of our lives.” Future Captains, Twelve Skills and abilities that can be acquired through Solving Puzzles, July 7, 2023)