

Visual-Spatial Thinking Strategies and Brain Games

Thinking Domains & Strategies	<p><u>National Association for Gifted Children Standards</u></p> <p>1.4. Awareness of Needs. Students identify and access supplemental, outside-of-school resources that support the development of their gifts and talents (e.g., families, mentors, experts, or programs).</p> <p>1.5. Cognitive, Psychosocial, and Affective Growth. Students with gifts and talents demonstrate cognitive growth and psychosocial skills that support their talent development as a result of meaningful and challenging learning activities that address their unique characteristics and needs.</p> <p>2.5. Learning Progress. Students self-assess their learning progress.</p> <p>3.2. Talent Development. Students with gifts and talents demonstrate growth in social and emotional and psychosocial skills necessary for achievement in their domain(s) of talent and/or areas of interest.</p> <p>3.4. Instructional Strategies. Students with gifts and talents demonstrate their potential or level of achievement in their domain(s) of talent and/or areas of interest.</p>
--	--

Spatial Game Title:	Description:	K-1	2-5	6-8
Gummy blocks	Similar to Tetris. Put various shapes on a grid. Earn points and clear space on the board by filling an entire row or column. Unlike Tetris, the shapes do not fall to the bottom		X	X
Stack Shapes	Practice laws of Physics by seeing how many shapes of varying sizes and shapes can be stacked	X	X	
Spaceship Maze	Develop spatial awareness by getting the rocket to the moon, through the maze, and to the moon		X	
Escape Puzzle	Move color pieces around in order to move out the black piece. Similar concept to Parking(online) and Rush Hour	X	X	X
Slider Shapes	Match the inside diamond to the outside square of the same color	X	X	X
Checkers	Play checkers against the computer		X	X
Chess	Play chess against the computer			X
Reversi	Change your opponent's colors by trapping them between your pieces		X	X

Onet Connect	In 5 minutes find the matches around the board	X		
Sudoku	Place numbers in a row so that all rows are equal without numbers repeating			X
SET	Find 3 cards with all the same or all different attributes		X	X
Number Sorter 15	Slide tiles around until the numbers are in order	X	X	X
PEG	Jump pegs until only 1 is available. Similar to Hoppers		X	X
Parking Game	Arrange different sidecars in a grid in order to get your car out of traffic	X	X	X
Perfect Fit	Similar to Tangrams	X	X	X
Hexagon fall	Keep shapes in balance so that the hexagon does not fall	X	X	X
Shapes Crush	In one minute move 3 or more like shapes together in order to earn points	X		
Visual memory puzzle	On a 3 X 3 grid memorize the color sequence	X	X	
Peg Solitaire	Skip pegs until only 1 is left similar to Hoppers	X	X	X
NY Times SET	Find 3 cards with all the same or all different attributes		X	X
Mastermind	Try to figure out the color code. After each guess, you will be told how many pieces are the right color and in the right place		X	X
Scramble	Build several words with the same set of letters		X	X