

## Core Skills Analysis

### Motor Skills Development

- The activity of playing Jenga helps in improving fine motor skills as the child carefully pulls out and places each block without toppling the tower.
- It enhances hand-eye coordination as the child balances and manipulates the blocks.
- The tactile feedback from touching and moving the blocks contributes to sensory development.
- The process of gently pulling out a block and dealing with the consequences of the tower collapsing aids in developing patience and focus.

### Physics

- Playing Jenga teaches the concept of gravity and balance as the child learns that if they remove a block carelessly, the tower falls.
- It introduces basic engineering principles as the child experiments with different block positions to ensure stability.
- Understanding cause and effect becomes apparent as the child sees the direct impact of their actions on the tower.
- The concept of stability is learned as the child discovers how to distribute weight evenly to prevent collapse.

### Tips

While the 6-year-old student has successfully engaged in playing Jenga and learned important concepts such as motor skills development and basic physics, further exploration could involve introducing more complex structures or discussing the history of Jenga. To improve, encouraging the child to vocalize their problem-solving strategies while playing can enhance cognitive development and critical thinking skills.

### Book Recommendations

- [The Most Magnificent Thing](#) by Ashley Spires: A story about a little girl who learns about persistence and creativity while trying to create her own magnificent invention.
- [Rosie Revere, Engineer](#) by Andrea Beaty: Follow the journey of Rosie, a young engineer, as she learns the importance of perseverance and problem-solving in the face of failure.
- [Iggy Peck, Architect](#) by Andrea Beaty: Join Iggy, a budding architect, as he uses his creative thinking and passion for building to overcome challenges and create extraordinary structures.