

Physical Education

- The child has developed hand-eye coordination through the hand movements required to hit the puck with the paddle.
- They have improved their gross motor skills by moving their body to navigate the puck around the table.
- The activity has also provided an opportunity for the child to practice their balance and coordination while standing and leaning over the table to play.
- Through playing air hockey, the child has engaged in physical activity, promoting overall fitness and well-being.

Science

- The child has learned about friction as they observe how the puck moves differently on the smooth surface of the air hockey table compared to other surfaces.
- They have also gained an understanding of forces as they experience the impact of hitting the puck with different amounts of force using the paddle.
- The concept of air resistance can be explored as the child notices how the puck slows down due to the air flow created by the table.
- The child can develop their observation and inquiry skills by asking questions about the physics behind the game and exploring possible explanations.

Continued development can be encouraged by incorporating variations in gameplay. For example, the child can try playing air hockey using their non-dominant hand to further enhance their hand-eye coordination and motor skills. Additionally, introducing different obstacles or targets on the table can provide opportunities for problem-solving and strategic thinking.

Book Recommendations

- [Let's Play Air Hockey](#) by Jane Lacey: This book introduces young readers to the basics of air hockey through simple text and colorful illustrations.
- [The Air Hockey Champion](#) by Matt Christopher: Follow the story of a young boy who discovers a talent for air hockey and works hard to become a champion.
- [Air Hockey for Kids](#) by Lisa Trumbauer: This interactive book offers step-by-step instructions and tips for playing air hockey, suitable for young beginners.

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