Made a box Fort escape room out of cardboard box and tape took a jigsaw puzzle and turned it over and wrote a riddle on the back of the jigsaw puzzle to make a clue to find a key to open the door to escape the Box fort / Subject Explorer / LearningCorner.co

English Language Arts

- The child practiced critical thinking and problem-solving skills by creating a riddle on the back of the jigsaw puzzle to provide a clue for finding the key and escaping the box fort.
- They enhanced their writing skills by crafting a creative riddle that required clear and concise communication.
- The activity encouraged reading comprehension as the child had to read and understand the riddle in order to solve it and find the key.
- They also developed their imaginative and storytelling abilities by designing an escape room scenario within the box fort.

Math

- The child engaged in spatial reasoning as they built the box fort and utilized their understanding of 3D shapes to create the structure.
- They practiced measurement skills by determining the appropriate size and dimensions for the fort and its components.
- Problem-solving skills were applied as they calculated the number of jigsaw puzzle pieces needed to cover the fort's floor.
- Counting and number recognition were utilized when solving the riddle and finding the key.

Science

- The child gained knowledge of materials and their properties by selecting and using cardboard boxes and tape to construct the box fort.
- They explored the concept of forces and motion as they manipulated and assembled the cardboard boxes to create the fort.
- Problem-solving and critical thinking skills were employed when determining the best design and structure for the box fort to ensure stability and durability.
- During the activity, they demonstrated creativity and innovation in using everyday materials to create an interactive escape room experience.

To further develop their skills, the child could explore different types of puzzles and riddles, such as word puzzles or logic puzzles, to enhance their problem-solving abilities and critical thinking. They could also experiment with different materials and construction techniques to further explore concepts of design and engineering.

Book Recommendations

- The Mysterious Benedict Society by Trenton Lee Stewart: A thrilling adventure story about a group of gifted children who must solve a series of puzzles and riddles to save the world.
- Escape from Mr. Lemoncello's Library by Chris Grabenstein: A fun and exciting mystery where a group of kids participates in an escape room challenge inside a famous library.
- The Westing Game by Ellen Raskin: A classic mystery novel where sixteen heirs must solve a complex puzzle to inherit a wealthy man's fortune.