

Core Skills Analysis

Science

- Enhanced spatial awareness and visualization skills through manipulating and rearranging geometric shapes.
- Developed problem-solving abilities by analyzing patterns and figuring out how different puzzle pieces fit together.
- Strengthened logical reasoning skills through trial and error to form complete shapes from individual pieces.
- Encouraged critical thinking by identifying relationships between shapes and determining the best placement for each piece.

Tips

Engage the child in discussions about how shapes fit together in nature or structures around them to reinforce learning. Encourage them to create their own tanagrams using everyday objects, fostering creativity and exploration. Introduce more challenging tanagram puzzles gradually to continue stimulating their problem-solving skills and logical thinking. Consider incorporating storytelling elements into the activity, where completing a tanagram reveals a part of a story, making the process more engaging and educational.

Book Recommendations

- [The Tanagram Adventures](#) by Linda Li: Follow Sarah and Tom as they embark on a playful journey with tanagrams, learning about shapes and logic along the way.
- [Shapes in Nature](#) by Grace Smith: Discover the beauty of natural shapes through vivid illustrations and interactive exercises, perfect for young explorers aged 8 and up.
- [Puzzle Power](#) by Ryan Johnson: Join Alex in solving a series of challenging puzzles, including tanagrams, that will test your wit and expand your problem-solving skills.