

Tips for playing Tangram game

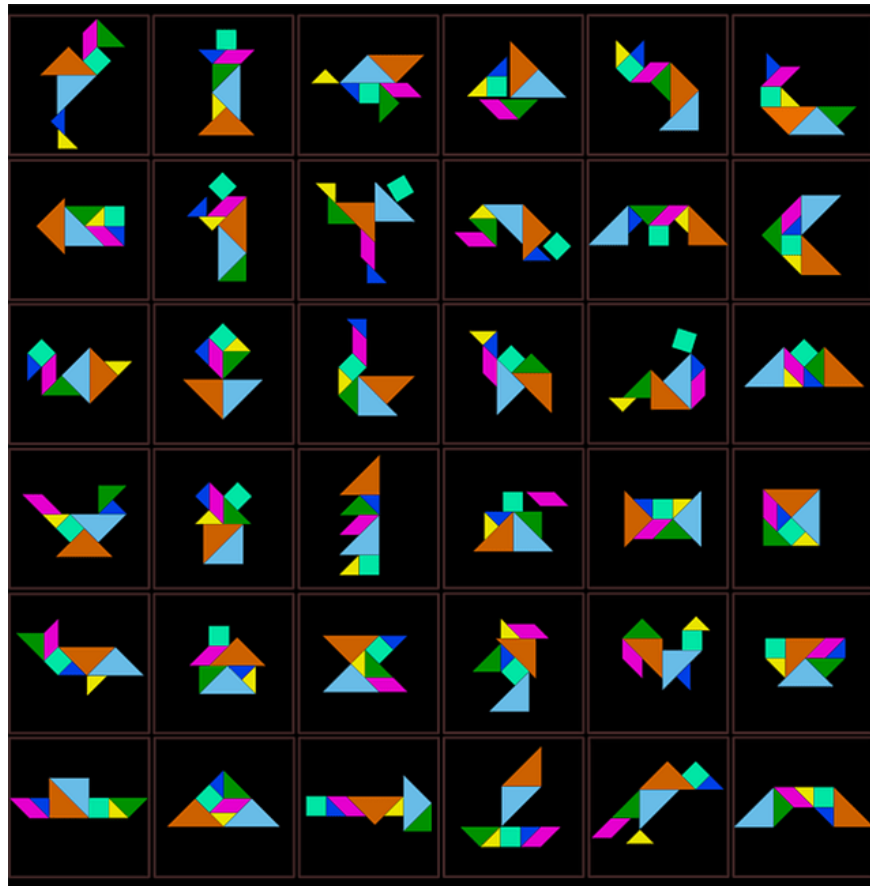
Here are strategic tips for solving Tangram puzzles, from simple shape recognition to practicing, promoting STEM skills and creativity.

Tangram is not only a game but also a great way to develop STEM/STEAM skills. With 7 pieces (2 large triangles, 1 medium triangle, 2 small triangles, 1 square, 1 parallelogram), you can create countless shapes from simple like squares to complex like animals or objects. Here are 7 tips to help you solve Tangrams easier:

1. Start with simple shapes

1. **Tip** : Find and place easily identifiable pieces like squares, parallelograms or triangles in the correct position in the puzzle. This reduces the number of pieces to deal with, making the puzzle simpler.
2. **Instructions** : For example, in the Farm Pot Plants Tangram puzzle, place the square and 2 small triangles in place first. Then you only need to deal with the remaining 3 pieces (the middle triangle and 2 large triangles).

You can find silhouettes to match to form that shape, before creatively coming up with your own new pattern to match.



2. Find an area with multiple combinations



1. **Tip** : Realize that small pieces can combine to form larger shapes. This opens up many arrangement possibilities in some areas.
2. **Instructions** : In the Farm Rabbit Tangram puzzle, the rabbit's left ear or arm can be made with 2 small triangles or 1 parallelogram. Try both ways to find the best combination.

3. Eliminate incorrect pairings

Tip : Place the large pieces first to create the main frame, then use the small pieces to fill in the details.

Instruct :

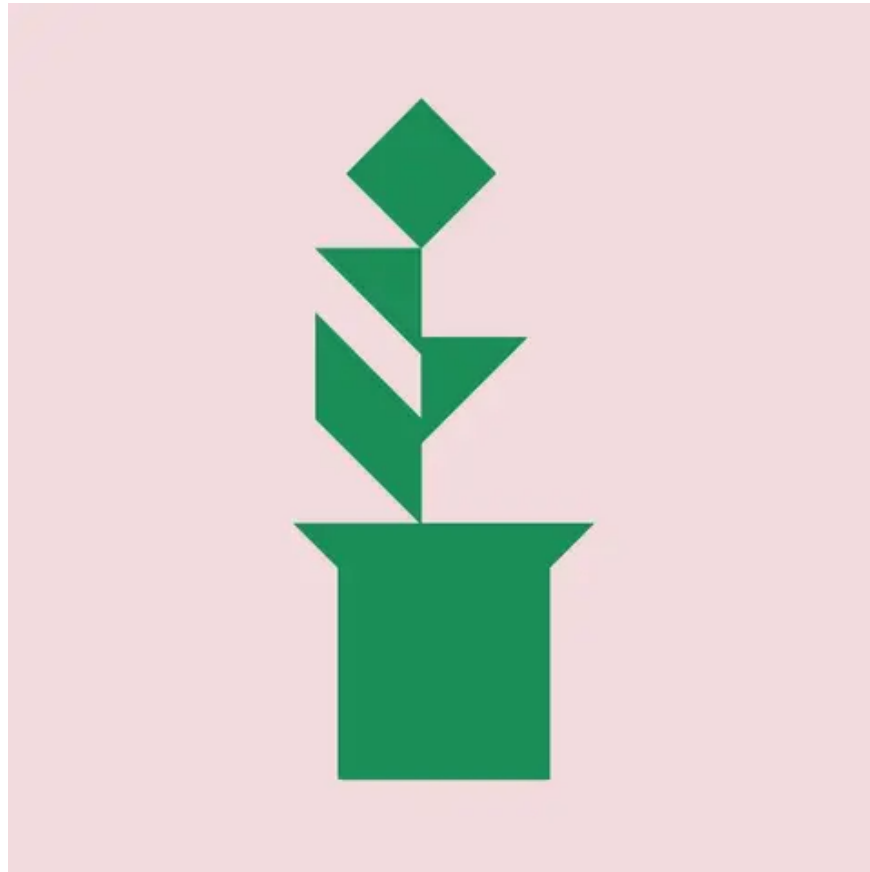
1. **Start Large**: In the Farm Pot Tree Tangram, place 2 large triangles to create the main outline of the plant pot. This will help you clearly see the gaps for the smaller pieces.
2. **Consider the corners and edges**: The outline of the puzzle will suggest which pieces will fit. For example, the top of the planter can only use one of the three large pieces (two large triangles or one medium triangle).
3. **Fill in the gaps**: Use small pieces to complete details, like the leaves in a puzzle.

4. Systematic trial and error



1. **Tip** : Don't place randomly, try each piece one by one, rotating or flipping to find the right position.
2. **Tip** : If a piece doesn't fit, analyze why (it might be the wrong angle or the wrong edge) and try another way. Make a note of the tried positions to avoid repeating the mistake.

5. Learn from other sources



1. **Tip** : If you're stuck for ideas, see how others solved similar puzzles or use a tutorial.
2. **Instructions** : Look at books like Farm Tangram Coloring Book and Activities to understand the puzzle logic. These books have interactive activities like coloring, mazes, crosswords, which will help you grasp the solution more easily. You can also search online to learn complex puzzle patterns.

6. Start with easy puzzles

1. **Tip** : Choose simple puzzles to get used to matching and build confidence.
2. **Instructions** : Refer to the World Tangram article to find Farm Tangram puzzles for beginners. Solve the easy puzzles first, then move on to the more difficult puzzles to challenge your spatial thinking skills.

7. Practice every day

1. **Tip** : The more you play, the better you will get at visualizing and manipulating shapes.

2. **Instructions** : Aim to solve 1 new Farm Tangram puzzle every day. This will help you improve your skills and become more proficient at matching complex shapes.

Farm Tangram Game: Learn while playing



Farm Tangram is a memory puzzle game that is more than just a puzzle. It helps you develop STEM/STEAM skills like spatial thinking, problem solving, and creativity.

How to play : Use 7 Tangram pieces to create shapes like plants, animals or farm objects. This game is suitable for all ages and is a great way to learn and have fun without a screen.

Additional Tips

1. **Color the puzzle:** Color both sides of the Tangram piece to increase creativity and shape recognition.
2. **Print on Cardboard:** Print Tangram pieces on thick paper or laminate for long-lasting use.
3. **Use support materials:** Use the Tangram Image PowerPoint or Tangram Challenge Cards to guide you through the matching process.
4. **Creative Challenge:** Once you've mastered it, try matching unique shapes like birds, fish, or even Christmas trees. Combine multiple Tangram sets to create larger shapes.

Have fun and good luck conquering the world of Tangram.

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