

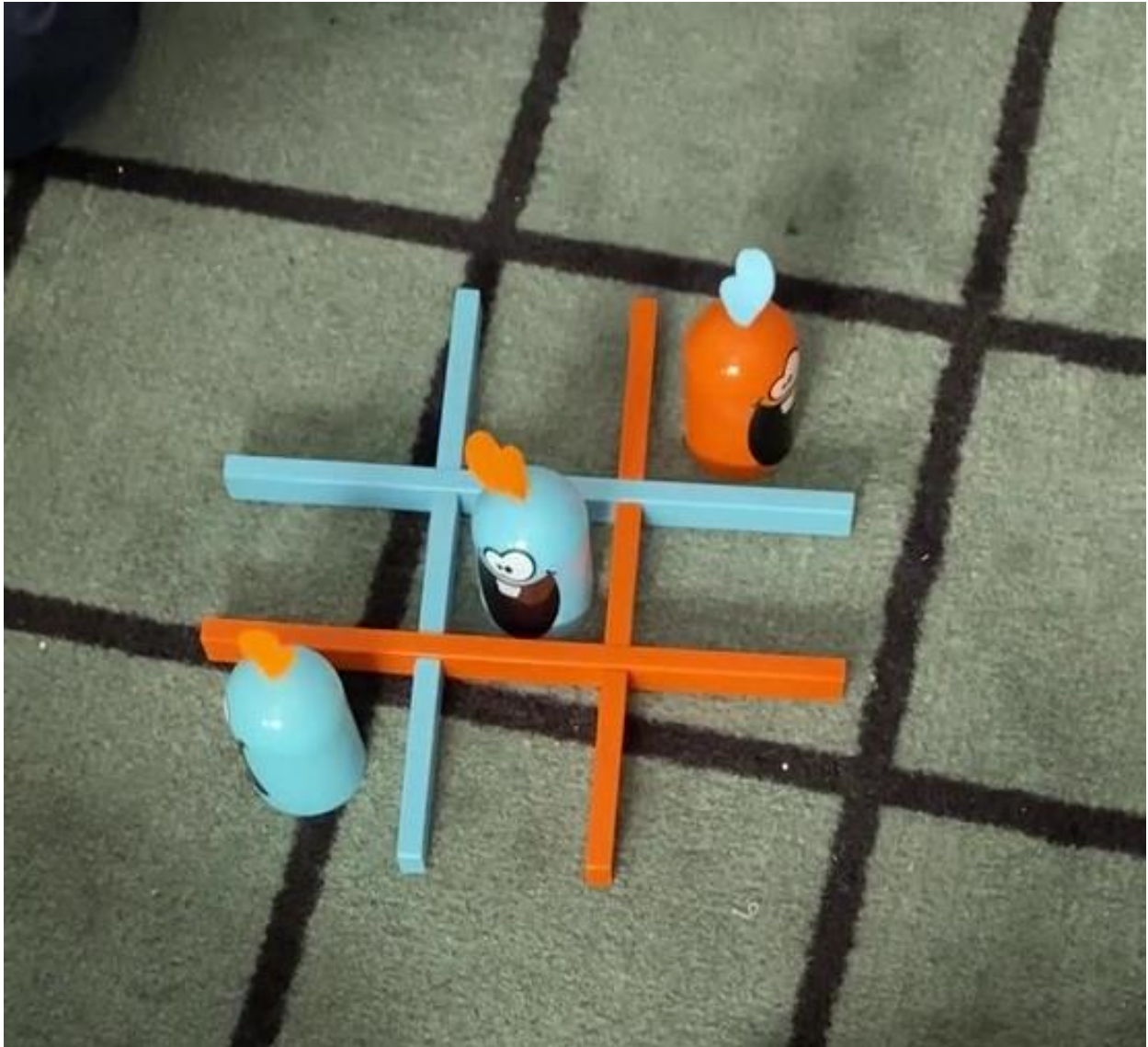
2: LESSON PLAN - Gobblet Gobblers

LEARNING AIMS	<p>Students will:</p> <ul style="list-style-type: none"> ● Engage in cooperative play ● Reflect on their own logical and spatial reasoning ● Gain a basic understanding of game mechanics, rules, fundamental gameplay, winning, strategies, cooperative principles ● Logical reasoning: Investigating the game to learn how to create good, legal moves and analyzing first move – getting to know the game (W1) ● Spatial reasoning: Tactilizing (touching, manipulating, moving around, testing out) with the Gobblers to figure out different sizes of Gobblers and how to place Gobblers – getting to know the game (W1) ● Logical reasoning: Analyzing game board configurations to slow play and be more strategic (W2) ● Spatial Reasoning: Locating different sizes of Gobblers in order to win the game (W2)
MATERIALS	<ul style="list-style-type: none"> ● Enough copies of <i>Gobblet Gobblers</i> for your class (4 students per game) ● Whiteboard and marker ● Gobblet Gobblers How to Play Sheet ● Optional: Mini whiteboards or sheet protectors with paper in them and markers (one per group)
SPECIAL CONSIDERATIONS	<ul style="list-style-type: none"> ● Gobblet Gobblers is a quick game. Once students know how to play, one round of Gobblet Gobblers game play takes a couple of minutes. ● Organize groups according to student needs: Play in pairs, so two on two. Encourage discussion and understanding of the game. Focus on the rules of the game. ● A quick reminder to students about trying to focus on thinking about each move they make and why they decide to make it- don't rush.
LESSON ACTIVITIES	<ol style="list-style-type: none"> 1. Last class, you were encouraged to pay attention to your first move -- both the size and location. Can you believe half the class picked to start with the big gobblet and half picked medium/small? <p>You are encouraged to carefully analyze a game board. Let's watch this video of your friends' game: video (click link). Use this <i>Start Image</i> (see below) for a discussion. Then ask students to answer the first question on the reflection sheet.</p> 2. Divide students into their groups: pair playing against another pair. <ol style="list-style-type: none"> a. Ensure partners are not playing the same people as last week b. Explore pieces, read rules that come with the game c. One on one group engagement for questions and clarifications d. Once students feel comfortable, they may start an official round. e. Optional: Students may use mini whiteboards with their

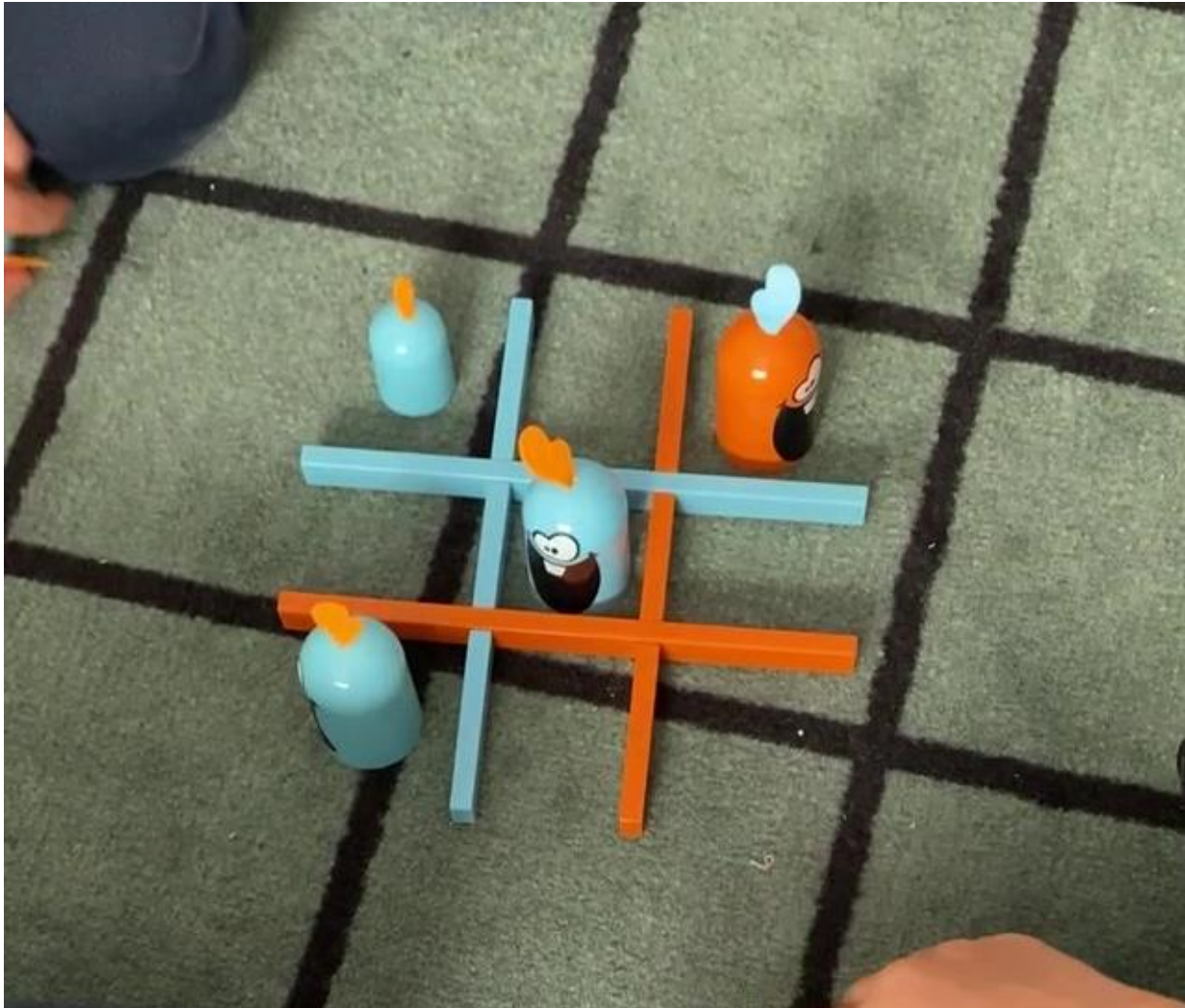
	<p>partners to draw out and communicate ideas for game play.</p> <ol style="list-style-type: none"> 3. Hand out the reflection sheet so students know what questions to think about. Encourage them to choose one round of the game and answer the questions. 4. Teacher circulates and prompts student discussion of strategies. Encourage students to ask each other the questions listed on the How to Play sheet. <ol style="list-style-type: none"> a. Why did you choose to do that? b. Could you have tried a different strategy? c. What are the benefits or risks of gobbling? 5. At the end of the game time, encourage students to complete the reflection sheet.
<p>QUESTIONS/ REFLECTIONS</p>	<p>Questions for students/prompts:</p> <p>Focus for Week 2:</p> <ul style="list-style-type: none"> ● Is there a point in the game when you can tell who is going to win? ● Are you making moves based on a plan you made with your partner? ● Are there any particular spots on the grid you try and control? ● What do you do if your opponent takes a spot that you want to control? <p>“Think about it for next time” Reflection Question:</p> <p>Do you prefer to try and win by using a plan or strategy you have made, or by reacting to your opponent’s moves?</p> <p>Other questions to consider:</p> <ul style="list-style-type: none"> ● A good move/play we made during Gobblet Gobblers today ways (explain why with pictures and words): ● How did you figure out your next move? ● What’s one good idea you shared with your partner? ● What did you do to not give your opponent an advantage? ● What Tic Tac Toe strategy helps you play Gobblet Gobblers? How did it help? ● What new strategies did you need to use in order to win? ● What are all the unique opening moves for the first player? ● Is there a way to set up 3 different ways to win? ● For each person, tell me what you said to your partner to convince them of a good move at any point in the game. ● Tell me about how you plan ahead to either set up a win for you or a loss for your opponent. Using drawings and words.

	<ul style="list-style-type: none">● We played 5 games in a row starting with the small gobbler. This is how it went: (explain with drawings and words).● We played 5 games in a row starting with the medium gobbler. This is how it went: (explain with drawings and words).● We played 5 games in a row starting with the big gobbler. This is how it went: (explain with drawings and words).● One group realized that with the board as pictured [include image], that the _____ team would win on their next turn. How did they know?● Here's a new rule we came up with for Gobbler Gobblers! Use drawings and words to show.● Explain how and why you created the new rule. Did you have to modify it after trying it out? Defend why it's a good new rule.● How did your new rule change your play or your strategies? Use drawings and words.● Imagine you've been hired to make a tips & tricks website for Gobbler Gobblers. Create two important tips to help players. Use drawings to help explain. Tip 1: Tip 2:● Take a look at the three boards, showing different opening moves for Gobbler Gobblers. Rank how good the move is by writing great, okay or poor on the lines below. Explain your ranking below each one by saying why. [include images]● In all of the games, students told us about playing on the sides or corners. Can you tell me how playing on the sides and/or corners helps in Gobbler Gobblers? Use drawings and words.● This board is a few turns into the game. You can see some pieces hiding! You're blue gobbler player. Draw where you would put your next piece. Why is it a good move? Use words. Start with the picture above -- can you show what the board would look like if there were 3 more moves? Explain.
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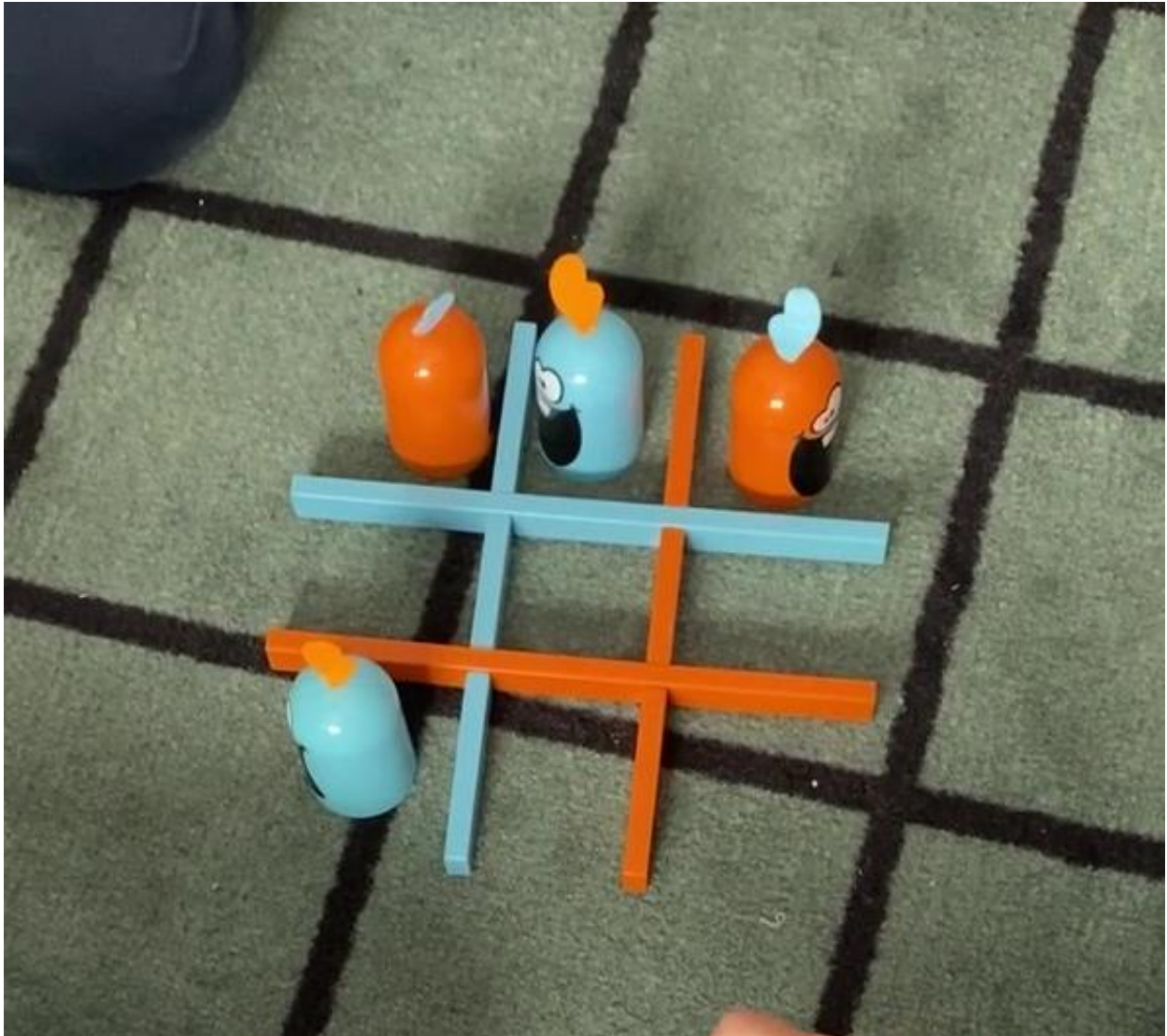
What should Blue do next? Why?



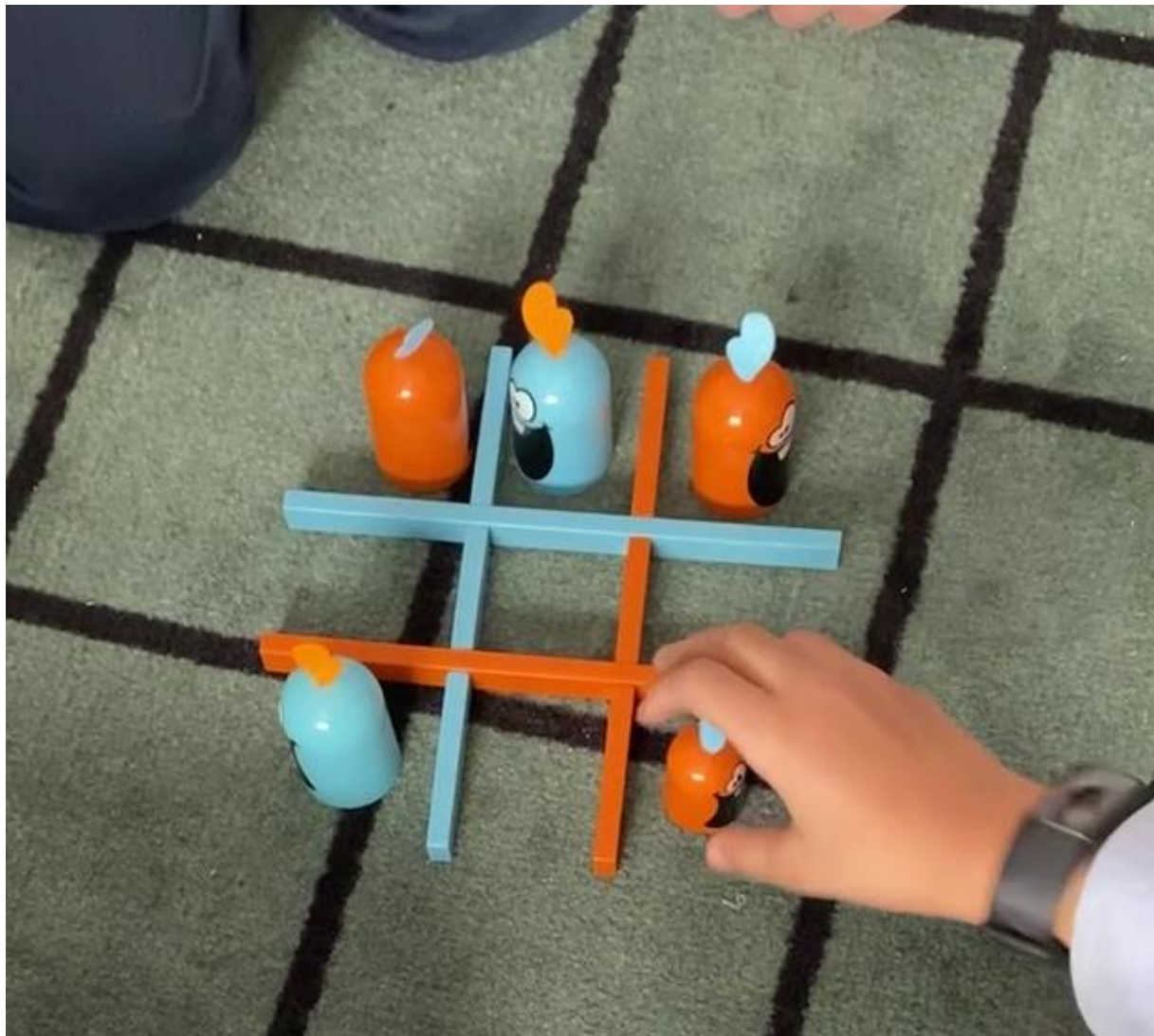
What should Orange do next? Why?



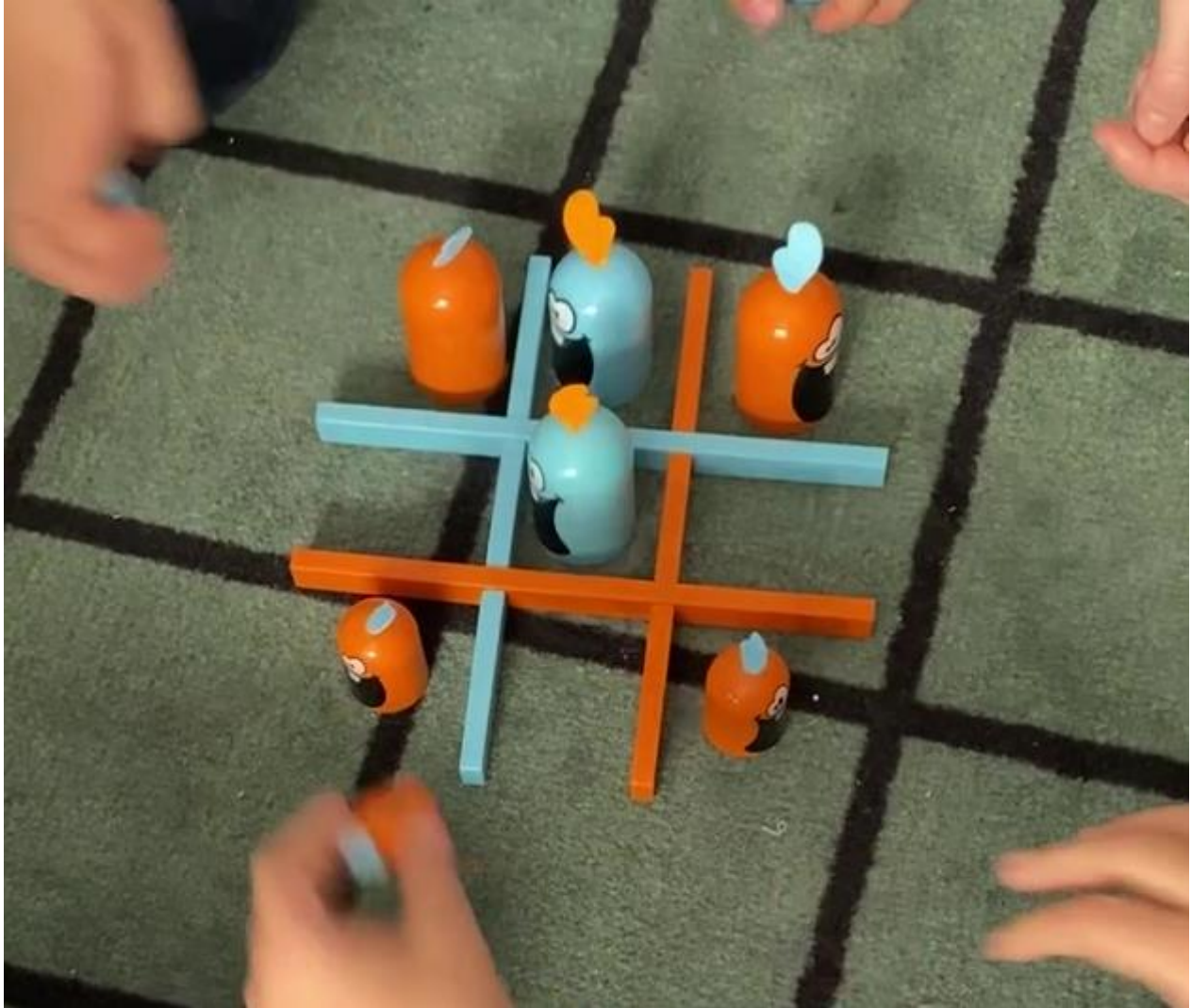
What should Orange do next? Why?



What should Blue do next? Why?



How many ways can Orange win? Explain!

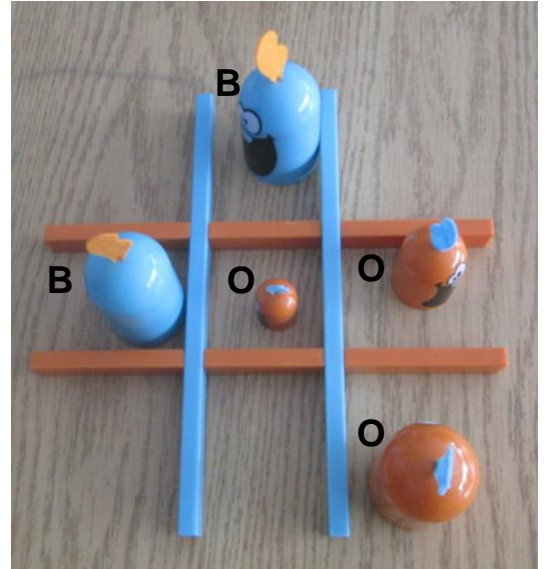


Reflection Sheet: Gobblet Gobblers

Your Name: _____ Team Members: _____

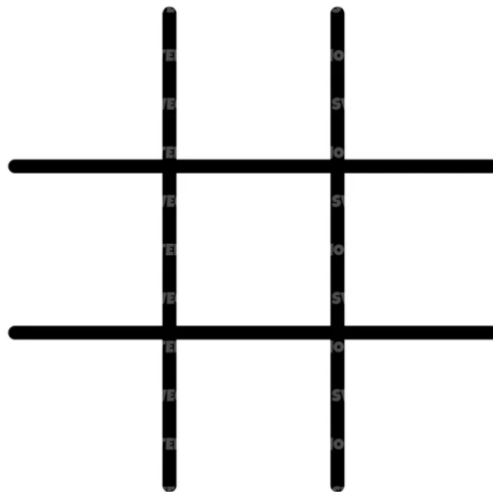
1) Locating Different Sizes of Gobblers to Win the Game!

Blue's turn is next. Where should Blue go and with what size of gobbler in order not to lose? Justify your answer.



2) Analyzing Game Board & Locating Different Sizes of Gobblers to Win!

Stop after each team has played FOUR turns. Draw the board:



a) Who do you think will win this game?
Circle one:

Our team / The other team

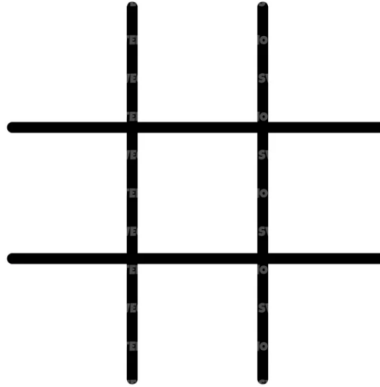
b) Circle which of your gobblers you have used so far:

c) Explain why you chose to use the gobblers you have played so far:



Analyzing Game Board Configuration to Be Strategic!

- a) Circle the spots you believe are the most important to winning a game of Gobblet Gobblers near the end of the game:



- b) Why are these spots the most important? Does anything else matter beside the spot?

Think about it for next time: Do you prefer to try and win by using a plan or strategy you have made, or by reacting to your opponents moves?