

Algebra Tic-Tac-Toe

Once students hit Algebra, math gets a lot more tricky. In order to build a strong foundation for higher-level math, practice is essential. Try a new approach to working with variables and equations by playing this tic-tac-toe game and watch your kid's math confidence increase exponentially.

What You Need:

- 9 sheets of white paper
- Markers
- A friend

What You Do:

1. Help your child draw a nine square tic-tac-toe grid on each of the sheets of white paper with the black marker.
2. Next, have your child arrange the sheets of paper into a 3 x 3 grid with the tic tac toe grids facing up.
3. Then, take over duties and write a random algebraic equation in each of the 81 spaces. For example, $3x+5=$ _____ where $x=8$.
4. Have your child and another player take turns trying to solve the various problems contained within the grids.
5. If either player can successfully solve a problem, they can put either an X or an O in the square.
6. Whoever solves three problems in a row on a given 3x3 grid can turn the sheet over and mark it with an X or an O.
7. To win, a child must successfully get three sheets of paper in a row.

Helpful Tip: Want to play this game multiple times and really solidify your kid's algebra knowledge? Laminate the sheets and play with dry or wet-erase markers.

