



Tic Tac Toe Playing with Rocks

Beginner: Collect 10 rocks, and label them from 1-10. Use them to play tic tac toe and say the number of each rock as you place it.

[Tip]: Say “The last two rocks I put down had the numbers 1 and 6.”

Intermediate: Collect 20 rocks, and label them from 1-20. Use them to play tic tac toe and say the number of each rock as you place it, then add them together.

[Tip]: The last two rocks I put down had the numbers 14 and 9. 14 plus 9 is 23.”

Experienced: Collect 100 rocks, and label them from 1-100. Use them to play tic tac toe and say the number of each rock as you place it, then add them together.

[Tip]: “The last two rocks I put down had the numbers 50 and 35. 50 plus 35 is 85.”

Why is this important? Playing with rocks allows children to use their fingers, which helps develop math skills.

Looking for more information? Check out our [100 Chart](#) as a visual number guide!

References: Ollivier, F., Noël Yvonnick, Legrand, A., & Bonneton-Botté Nathalie. (2019). A teacher-implemented intervention program to promote finger use in numerical tasks. *European Journal of Psychology of Education : A Journal of Education and Development*, 35(3), 589–606. <https://doi.org/10.1007/s10212-019-00441-9>