



## Count on Nature

### Math and Sticks

**Beginner:** Collect and count sticks.

**[Tip]:** Ask “How many sticks did you find? I have 4.”

**Intermediate:** Create single digit numbers using sticks.

**[Tip]:** With 4 sticks, I can make the number 4 on the ground.

**Experienced:** Create double digit numbers using sticks.

**[Tip]:** With 12 small sticks, I can make the number 12 on the ground.

**[Brief] Why?** This activity helps children learn about counting while enjoying nature.

**[Detailed] Why?** This activity connects numbers to symbols and number recognition. Practicing recognition helps addition and subtraction skills. Making counting fun stimulates and enriches logical thinking.

**References:** Witzel, B. S., Riccomini, P. J., & Herlong, M. L. (2013). Introduction to the characteristics of number sense. In Building number sense through the common core (pp. 1-10). Corwin Press, <https://www-doi-org.uwinnipeg.idm.oclc.org/10.4135/9781506335827.n1>

**Caregiver Handbook:** 100 Chart