



Sticky Counting

Count How Many Marshmallows There Are

Beginner: Place coloured marshmallows on the table, and count the total of each colour.

[Tip]: Notice whether each colour group has the same or different amount of marshmallows.

Intermediate: Show an equation using marshmallows for your child to solve.

[Tip]: Use addition and subtraction. Ex. $5 \text{ pink} + 6 \text{ green} = 11 \text{ marshmallows}$ OR $6 \text{ yellow} - 4 \text{ green} = 2 \text{ marshmallows}$.

Experienced: Write a mathematical sentence on paper for your child to solve using marshmallows.

[Tip]: Involve addition or subtraction in the sentence. Ex. "Bella has 3 green and 6 pink marshmallows, she eats 4 pink marshmallows, how many marshmallows does Bella have left?"

Why is this important? Manipulating objects and visualizing mathematical equations helps children develop their understanding of addition and subtraction.

References: Ekwueme, C. O., Ekon, E. E., & Ezenwa-Nebife, D. C. (2015). The impact of hands-on-approach on student academic performance in basic science and mathematics. *Higher Education Studies*, 5(6), 47. <https://doi.org/10.5539/hes.v5n6p47>

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