

AFTERSCHOOL TRAINING TOOLKIT

Math Centers

Data and Probability: Marshmallow Madness

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Molly’s Marshmallows

Molly is terrible at making decisions. She likes to flip a coin to help her, but finds coin flipping boring. She thinks of a new way to make decisions using marshmallows. This is even better than flipping a coin because she can flip two different sizes of marshmallows — large and small! Molly needs to know if a large marshmallow is more likely to land on an end or on a side, and if a small marshmallow is more likely to land on an end or on a side. You can help Molly by collecting data on marshmallow flipping. Flip a large marshmallow 50 times, and record how many times it lands on an end, and how many on a side. Repeat with a small marshmallow. Use the recording chart below to keep track of your data.

	Lands on Side	Lands on an End
Small Marshmallow		
Large Marshmallow		