

Ice Fishin'

Measuring safety

Beginner: Have a trusted adult drill a hole in the ice. Have child place a measuring device into the hole.

[Tip]: ask the child to place fingers on the ruler where the ice ends. have the child count up from 0 to the thickness of the ice. Ask the child if the ice is safe for ice fishing.

Intermediate: Have a trusted adult drill a hole in the ice. Have child place a measuring device into the hole.

[Tip]: Ask the child to say the number then ask the child to find where the clear ice ends and say the number on the ruler. Ask the child to minus these numbers.

Experienced: Have a trusted adult drill a hole in the ice. Have child place a measuring device into the hole.

[Tip]: Ask the child if the ice is less than, equal to, or greater than the recommended thickness of ice (local safety requirements).

Video tip:

<https://youtu.be/4H35t1p9rp4?si=RtoZlrXBx4DYy7kC>

[Brief] Why? Discussing measurement while completing a related task helps math skills.

[Detailed] Why? Discussing and practicing measurement helps to reinforce the basic math skills as well as challenging the child's reasoning and logic.

References: Reference: Son, S.H. C., & Hur, J. H. (2019). Parental Math Talk During Home Cooking and Math Skills in Head Start Children: The Role of Task Management Talk. *Journal of Research in Childhood Education*, 34(3), 406-426. <https://doi.org/10.1080/02568543.2019.1704318>

Caregiver Handbook: Math Vocabulary, 100 Charts, Units & Systems of Measurement, Fundamental Numeracy Skills

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