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What Insulates the Best?

Division: Physical & Mathematical Sciences

Category: Intermediate

Region: Kivalliq

City: Baker Lake, NU

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Abstract: The purpose of our project was to determine which material insulates best: spray foam, fibreglass, caribou fur, newspaper, snow, or air. We used specially designed cardboard boxes with electronic temperature probes to gather our data. Five trials were conducted, each lasting one hour. Our results suggest that spray foam insulates best.