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Ice-Cold Lemonade

It was a hot summer day. Mattie poured herself a glass of lemonade. The lemonade was warm, so Mattie put some ice in the glass. After 10 minutes, Mattie noticed that the ice was melting and the lemonade was cold. Mattie wondered what made the lemonade get cold. She had three different ideas. Which idea do you think best explains why the lemonade got cold? Circle your answer. A The coldness from the ice moved into the lemonade. B The heat from the lemonade moved into the ice. C The coldness and the heat moved back and forth until the lemonade cooled off. Explain your thinking. Describe the "rule" or reasoning you used for your answer.

Uncovering Student Ideas in Science

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