Da Vinci Kids

Time for the jolliest of seasons!

These Da Vinci Holiday Quizzes will put a jingle in your step and make your brain sparkle as bright as your holiday decorations!

Ice, Ice Baby Quiz

1 What degree does water have to get to in order to turn to ice?

A 41°F (5°C) **B** 32°F (0°C) **C** 212 °F (100 °C)
D 53 °F (12 °C)

2 What happens if you add rock salt to a bucket of ice water?

A The rock salt dissolves completely and has no impact on the water.
B The rock salt causes the water to warm slightly.
C The rock salt separates from the water because it's heavier.
D The rock salt lowers the temperature below 32°F by lowering the freezing point.

3 What happens when the first ice crystal forms in a bottle of supercooled water?

A A chain reaction happens, where new ice crystals can join to existing ones, until the crystallization spreads across the entire bottle of water.
B The rock salt is converted into a liquid.
C A magnetic field forms around the body of water.
D A double displacement reaction occurs, creating two new compounds in the water.

4 The Inupiaq people of Alaska have how many names for ice?

A 30 **B** 70 **C** 100 **D** 25

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Answers: 1B , 2D, 3A, 4D