



*Good morning!*

*Try this experiment with hot cocoa. Fill your mug with hot milk and give it a tap. The cup will vibrate which you hear as sound. Pour in your packet of cocoa and give a good stir. Tap on the cup while you wait for it to cool. Do you hear how the sound changes?*

*Here is what happens: When you mix in the cocoa you also add bubbles. This makes the milk less dense so the cup can vibrate faster. Faster vibrations mean a higher sound. As the bubbles rise and pop, the milk becomes more dense again and the sound gets lower. Wasn't that fun!*

*Stay good!*