

## Exemplar Read-Aloud Informational Texts – A Drop of Water: A Book of Science and Wonder

Wick, Walter. *A Drop of Water: A Book of Science and Wonder*. New York: Scholastic, 1997. (1997)

From “Soap Bubbles”

There are few objects you can make that have both the dazzling beauty and delicate precision of a soap bubble. Shown here at actual size, this bubble is a nearly perfect sphere. Its shimmering liquid skin is five hundred times thinner than a human hair.

Bubbles made of plain water break almost as quickly as they form. That’s because surface tension is so strong the bubbles collapse. Adding soap to water weakens water’s surface tension. This allows a film of soapy water to stretch and stretch without breaking.

When you blow a bubble, it looks somewhat like a drop of water emerging from a faucet. And just like the surface of a drop of water, the bubble’s surface shrinks to form a sphere. Spheres and circles are mathematical shapes. Because they can form spontaneously, they are also shapes of nature.

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