

TRUE or FALSE bubble facts

THE BEST DAY TO BLOW SOAP BUBBLES IS ON A CLOUDY DAY WITH A CHANCE OF RAIN.

True! That's right! It's best if there is some moisture, or humidity, in the air.

YOU CAN PUT AN ELEPHANT INSIDE A BUBBLE.

True! In 2008, the Yang's encapsulated a real elephant inside a bubble.

A BUBBLE CAN LAST FOREVER.

False. All bubbles have a life-span because the water inside the bubble film will eventually evaporate.

YOU CAN SEE A RAINBOW IN A BUBBLE.

True! Light waves bounce off the water in a bubble, reflecting back a rainbow of colors. What colors do you see in bubbles?

YOU CAN CATCH A BUBBLE WITH YOUR DRY, BARE HANDS.

False. Bubbles do not like dryness, dirt or heat. But, if you dip your hands in bubble solution first, you can catch the bubble!

WATER CANNOT FORM A BUBBLE BY ITSELF.

True! The water's surface is not stretchy enough, which is why we add soap to our bubble solution.

BUBBLES CAN FREEZE.

True! At temperatures below about -25°C (-13°F), bubbles will freeze in the air! They can shatter (instead of pop) when they touch the ground.

BLOWING SOAP BUBBLES AS A PASTIME WAS INVENTED IN 1953.

False. We don't know when people first started blowing bubbles for fun, but we have paintings, drawings, and woodcuts of them going back to the Renaissance.

THE BUBBLE SHAPE THAT TAKES THE LEAST AMOUNT OF ENERGY TO FORM AND MAINTAIN IS A CUBE.

False. When you dip a bubble wand into a bubble solution, the solution forms a thin film of soapy water on the wand. When you blow air at the film, it pushes out of the wand, becoming a thin film of soapy water filled with air. The surface tension of the thin film of soapy water wants to have the smallest surface area that it can, which is a sphere or a 3-D circle!

NATIONAL BUBBLE DAY WAS ESTABLISHED TO CELEBRATE SPRING BACK IN 2000.

True! But, Discovery Cube started celebrating BubbleFest during Spring Break over 25 years ago... in 1997!

YOU CAN ONLY BLOW LARGE BUBBLES WITH A LARGE BUBBLE WAND.

False. The size of the bubble wand does not necessarily mean the bubble will be big or small. But, the larger the wand, the better the chances are of blowing large bubbles.

THE YANG FAMILY IS IN THE GUINNESS WORLD RECORDS.

True! We currently hold 19 world record titles!

