

BALLOON IN A BELL JAR

Name _____

Question: What will happen to a BALLOON if it is put into a vacuum chamber and the air around it is removed?

Background Information: As you increase pressure of a gas, you decrease volume and as you decrease pressure of a gas you increase volume. So as pressure on an object squeezes it the object is crushed. The reverse is true also. As you decrease pressure around an object the gas in the object expands.

Hypothesis: (my scientific guess as to what will happen based on scientific facts)

Procedure: We will put a BALLOON into a sealed bell jar and remove the air around it with a device that uses the Bernoulli principle to suck out the air. We will witness the results with our eyes.

Analysis and Conclusion: Here is what happened and why I believe it happened this way.
