Film Canister Rocket

Materials:

- Film canister (Amazon) – If ordering online, make sure you purchase one that mentions tight-fitting lids
- Antacid tablets (Amazon or any drugstore)
- Water

This activity should be completed outside with no overhead structure (rockets can fly 10-20 ft high). Safety goggles or other eye covering (sunglasses, etc.) are highly recommended!

Instructions:

1. Add 1-2 teaspoons of water to the film canister.
2. Break 1 antacid tablet in half.
3. Very quickly:
    a. Add the broken tablet to the water.
    b. Put the lid on the canister very tightly.
    c. Place the canister upside down on a flat surface (lid down).
4. Back up at least 5 feet and wait.
5. The canister will pop and fly up in the air.

How high did it go? Experiment with varying amounts of antacid and water.

If your rocket does not launch, the lid was probably not on tight enough. ***Wait at least 30 seconds before examining the canister.*