

# Alka Rockets

Newton's third law of motion states that for every action or force that exists in nature, there is an equal and opposite reaction. Scientists at NASA use this law to help get astronauts into space. With just a few household items, you can launch your own rocket!

## Materials:

Alka Seltzer Tablets  
Water

Plastic Canister (with pop-off lid)  
Eye Protection

1. Find a flat surface outside for your launch pad.
2. Ask a grownup for help during the next four steps.
3. Fill 2/3 of the film canister with water.
4. Break the Alka-Seltzer tablet into four pieces.
5. Drop one piece of the Alka-Seltzer tablet into the film canister of water.
6. Quickly put the lid on the film canister, turn it upside down, and place it on the launch pad.
7. Stand back and start the countdown to launch.

