

DAY FOUR: Sun, Moon and Stars

Alka-Seltzer® Rocket

introduce

If we were to send a rocket into space, how would we get it to blast off? Let's try this way to make gases that can blast off little rockets of our own!

Do

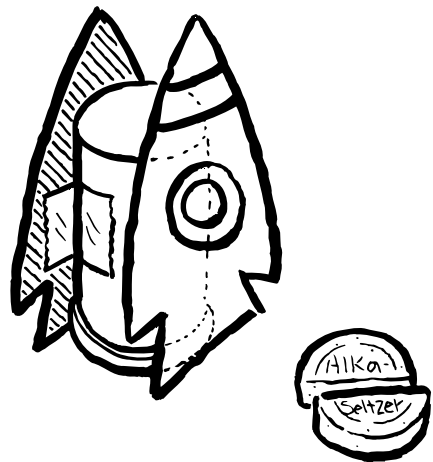
1. Draw, color and cut out one or two rocket shapes to tape to your film canister. Turn the canister upside down to tape shapes to its sides so that the bottom of rocket shapes are even with canister lid.
2. Fill the canister about $\frac{1}{4}$ full of water.
3. Take the canister and lid outside.
4. Drop half an Alka-Seltzer® tablet into the canister and quickly reseal the lid.
5. Set canister (lid down) on the ground. In about 30 seconds watch it blast off!

why it works

When Alka-Seltzer® reacts with water, it makes a gas. The gas built up inside the film canister until it popped like a rocket a few feet into the air. In the same way, it takes an explosion to get a rocket to blast out of our orbit so that it can go into space.

For every four
children, gather

- Paper
- Markers
- Scissors
- Tape
- 4 dark-colored film canisters
- Water
- 2 Alka-Seltzer® tablets (broken in half)



Prayer and Praise

Where would you like to go if you could explore outer space? Volunteers tell. Let's thank God for making the planets! Volunteers take turns to name planets in sentence prayers of thanks. (Optional: draw planet pictures and write a prayer of thanks on the picture.)