



Pop-Top Fly High Rockets - Preschool Option

"Wait...Look out...Here it goes...!" Preschool children will squeal with joy as the rocket they designed and colored is on the launching pad, pops, and flies into the sky! Kids will run home with great stories of building and launching their very own rocket. The project, Pop-Top Fly High Rockets, uses simple household items that are transformed into an unforgettable science experience!

You will need:

- Pop-Top Fly High Rocket Design, Printed on Cardstock
- Scotch Tape
- Empty Film Canister (1 per child) ***
- Scissors
- Water
- Alka-Seltzer Tablets (1/4 tablet for each child)

*** Sets of 12 Empty Film Canisters (Item #CAN-300) can be purchased through Educational Innovations (1-888-912-7474). [Click Here](#)

Rocket Project Tips:

Building:

1. Important! Listen to all of the instructions for each step prior to starting that step.
2. Scissors are the limiting factor. Make sure you have enough!
3. Save Time: Consider pre-cutting all rocket parts and place into snack-sized, plastic baggies.
4. Do not wait for every student to finish each step completely. Start the next step of the video when 85% of the groups are ready to move on. Be sure to have adults help slower students.
5. Place all components at the tables ready for kids to begin working as soon as the video starts!
6. Make sure that you have a dedicated technology helper to push play and pause on the videos.

Launching:

1. Create a highly engaging "Rocket Launching Area".
2. Consider building multiple launching areas for quickly moving students through the process.
3. Film Canisters should be filled about ¼ full of water.
4. Place a ¼ to a ½ piece of Alka-Seltzer into the canister and place lid down.
5. Create silly awards like shortest flight, the longest wait to finally pop, the longest flight, etc.

Quick version:

Short on time?

1. Pre-make rockets weeks ahead of time using volunteers.
2. Have kids pick a favorite design to launch and keep, as opposed to building themselves.