

GEORGE CLOONEY

Disney  
TOMORROWLAND

INNOVATIVE  
DREAMER

# 3-2-1 BLAST OFF

Nurture the Innovative Dreamer in your child through experimentation and inspiration.



**BUILD  
YOUR OWN  
AIR-POWERED  
ROCKET**

**HERE'S HOW »**

**There is more than one way to make an air-powered rocket.**

**To make this style you will need:**

- 2 pieces of piping (1/2" round)
- 1 plank of wood (2" thick)
- 1 plastic water bottle (1.5 liter)
- 3 pipe straps (for 1/2" pipe)
- 1 pipe fitting (1/2" elbow)
- 6 wood screws (1" long)
- 2 sheets of thick paper
- Screwdriver
- Clear tape
- Duct tape
- Scissors

## How to assemble:

**STEP 1** - Attach one length of pipe, lengthwise, to your wood base with pipe straps. Make sure both pipe ends extend at least 1 inch past the wood.

**STEP 2** - Connect water bottle to one end of the mounted pipe. Secure in place with duct tape.

**STEP 3** - Attach pipe fitting elbow to the other end of the base pipe with the opening face upward at a 90° angle.

**STEP 4** - Connect the second length of pipe into the other end of the fitting to create a straight L shape.

**STEP 5** - Roll one piece of paper, lengthwise, around the upward facing pipe to create a tube shape. Adjust the tube to fit the pipe, then secure with clear tape.

**STEP 6** - Roll a second piece of paper to form a cone shape, secure with tape, then trim the bottom to fit on top of the tube. Secure with tape.

**STEP 7** - Cut three cardboard fins to mount on the bottom of the rocket. Secure with tape.

## To launch:

Place your rocket.  
Stomp your bottle.  
Watch it BLAST OFF!

**This is just one way to build an air-powered rocket. How will you do it? Get innovative!**

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