



Try This **EXPERIMENT** @ Home!

Build your own CO₂ Rocket!

You will need:

- An empty film canister
- A strip of foam / cardboard
- Double Sided Tape
- Permanent Markers
- Scissors



Step 1: Using permanent markers colour in the canister in your favourite colours. The brighter the better! Try stripes, dots and lots of different colours.

Step 2: Cut the foam into 4 fins and use the tape to attach these near the bottom. This will help your rocket fly straight!

Step 3: **STOP & THINK** – How do the fins assist your rocket to fly? Are there other ways to fit the fins that will cause it to spin or fly differently?

NEED ROCKET FUEL? – Download our instructions on making your own from our new website www.streetscience.com.au/resources or if there's an adult around try using something that fizzes in water like Berocca or sherbet lollies!



TO LAUNCH YOUR CO₂ FILM CANISTER ROCKET:

STEP 1: MAKE SURE SAFETY GLASSES OR SUNNIES ARE WORN!! Take the lid off the canister and fill it ¼ full of water.

STEP 2: Place a small chunk of solid rocket fuel into the body. Quickly replace the cap nice and tight onto the base and stand your rocket upright on a flat surface such as a table. Stand back!!

STEP 3: COUNT QUICKLY 3 - 2 - 1 - BLAST OFF

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