

Paper Fireworks

Collect:

- Toilet paper tube
- Party balloon
- Scissors
- Tape
- Shredded paper



Make it

1. Tie a knot at the end of the party balloon, just as you would if the balloon were inflated.
2. Use the scissors to cut off the top inch of the balloon.
Tip: It is easiest to fold the balloon in half, lengthwise, first. Then you can make a straight cut across to top of the balloon in one snip.
3. Open the balloon and slip it over one end of the toilet paper tube. Then secure the balloon with tape.

Load it

1. Loosely pack your toilet paper tube with shredded paper.
Tip: If you don't have shredded paper, you could use the paper dots from a hole punch, crumpled dried leaves or flower petals, or even small craft pompoms.

Launch it

1. Hold the tube in one hand and pull back on the knot you tied at the end of the party balloon with the other hand.
2. Take aim and then let go of the balloon to send your paper fireworks skyward!

What happened?

It takes a whole lot of energy to make a mess this big! By pulling back on the balloon, you loaded your firework tube with potential energy. This energy was stored until you released the balloon—the quick snap of the balloon forced an energy transfer to the shredded paper. Kinetic energy pushed the paper out of the tube creating an exciting indoor firework display!

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