



How to make an air powered paper rocket & bottle launcher



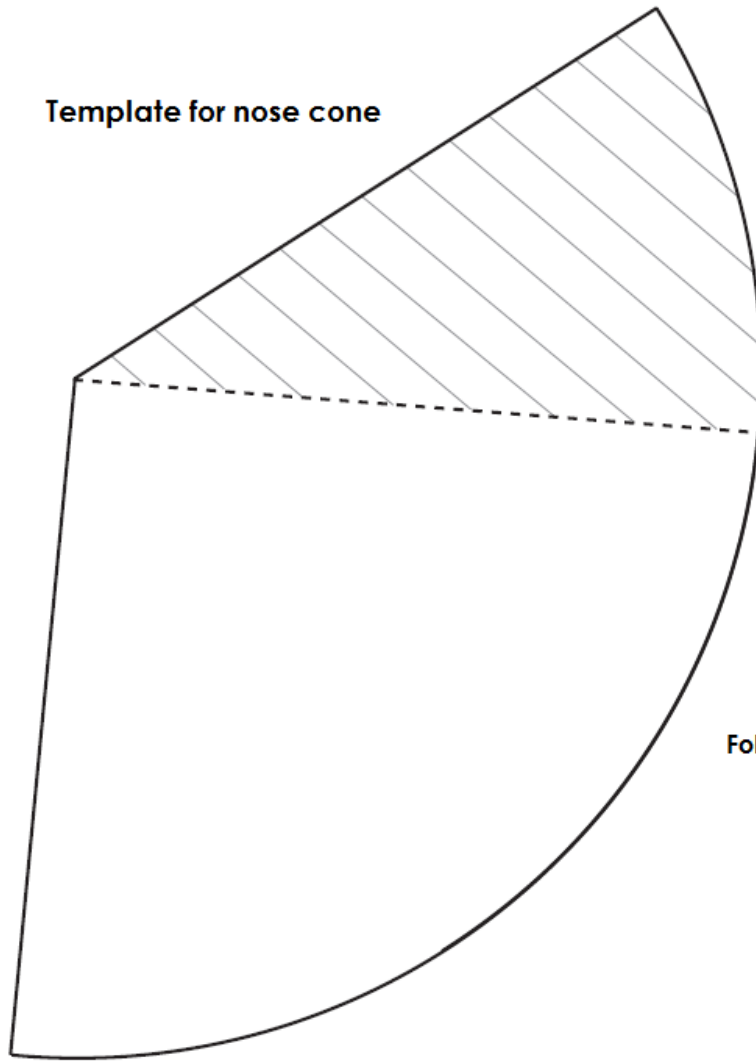
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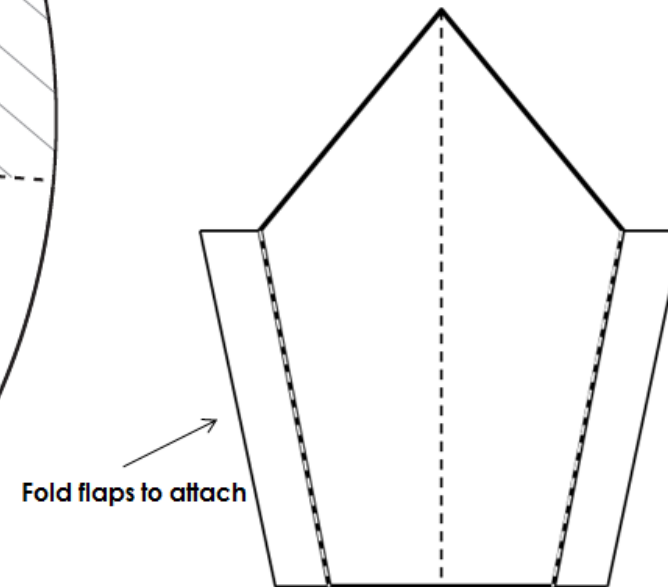


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Template for nose cone



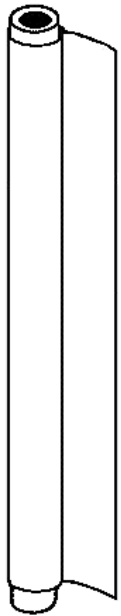
Template for fins



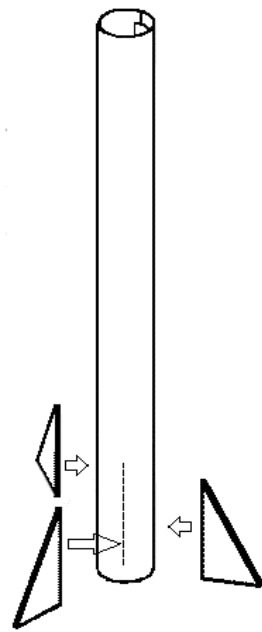
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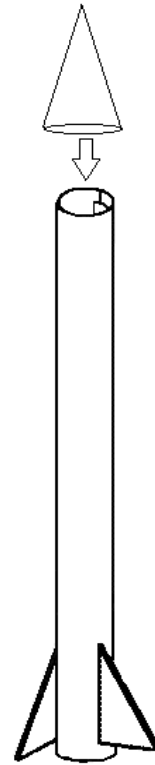
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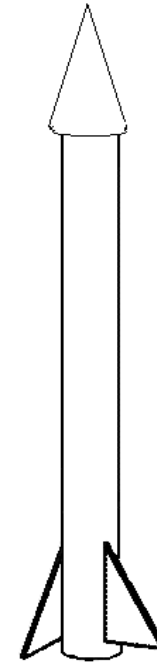
Step 1: Roll a sheet of paper round your short piece of plastic tubing and secure with paper glue or sticky-back plastic. Make sure the paper is a good fit but can slide off easily.



Step 2: Attach the fins to the bottom of the rocket tube. 3 is a good number for stability, but you can experiment with other numbers of fins to see what works best.



Step 3: Roll-up the nose cone, making sure there are no gaps, and place over the top of the rocket. Attach with paper glue or sticky-back plastic.

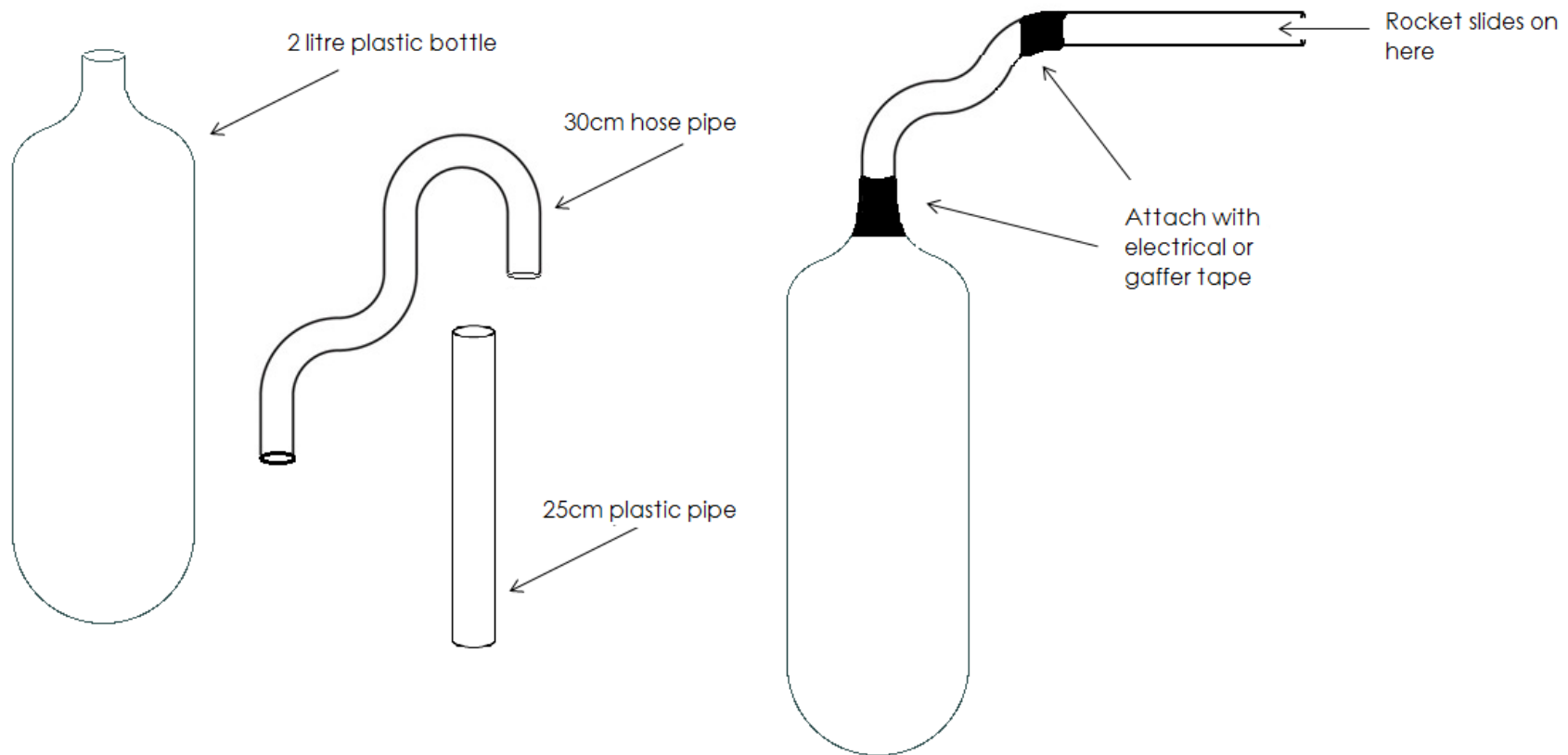


Step 4: Your rocket is ready to launch!

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Launching your rocket: Use the same plastic pipe to make the launcher and for rolling the rocket shape so that you have a good fit. Try to make everything airtight so that you get the maximum power from your rocket. Once you have slid the rocket over the pipe, place the launcher on the ground and point the rocket in the air or at a target. Stamp hard on the bottle and watch your rocket launch!

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