Instructions on how to make a simple slingshot rocket.

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You will need the following:

- 1 – Cap eraser
- 1 – Standard paperclip
- 1 – 3” x 5” Index card
- 1 – Rubber band, #19
- 1 – Normal craft stick
- 1 – Drinking straw
- Masking Tape
- Ruler
- Pencil
- Needle Nose Pliers (optional)
Procedure:

1) Make a nosecone.
   Insert one end of the straw into the cap eraser. Tape in place.

2) Add the hook.
   Use the needle nose pliers to bend down the tip of the larger end of the paper clip. You can also just use your fingers in many cases. Tape the paper clip with the bent end sticking away the straw just behind the cap eraser.

3) Add Fins.
   Fold the index card in half. Make a crease and unfold. Cut along the crease. Use the ruler to draw a diagonal line across both pieces of index card. Cut along the lines so you have four triangles. These are the fins of the rocket. Place a piece of tape on either side of the longer, straight edge of one of the triangles. Stick it to the opposite end of the straw from the cap eraser, about an inch from the tip. Repeat steps for the other triangles so they are evenly spaced around the straw.
4) Make the slingshot launcher.

Tape the rubber band to one tip of the craft stick using two pieces of tape, one on top of the other.
5) To launch your rocket.