



Green Mountain Council Boy Scouts of America

This project was originally brainstormed by the Green Mountain Council committee planning the Scouting Centennial Celebration for use as an inexpensive recruiting tool by Professional Scouters and for use at School Night for Scouting and similar functions.

At the end are several patterns you can print or photocopy onto paper (colored or not) to use in your particular activity. Various Cub Scouting designs are included as well as a blank. The intent was to have prospective Cub Scouts color the kites, fly them, then take them home. Feel free to add your particular contact information or School Night reminder to these designs before you photocopy them. If you are interested in other kite activities, there are many websites devoted to use of kites in classrooms which are appropriate for Scouting, and also make a great hands-on project for science related activities. (ie. Webelos Scientist Activity Badge!)

Make sure to photocopy the designs in the middle of your paper or it won't fold or fly correctly.

Big Wind Kite Factory, Moloka'i, Hawai'i presents

20 Kids * 20 Kites * 20 Minutes

Reprinted with permission from Big Wind Kite Factory's website: <http://www.bigwindkites.com/>

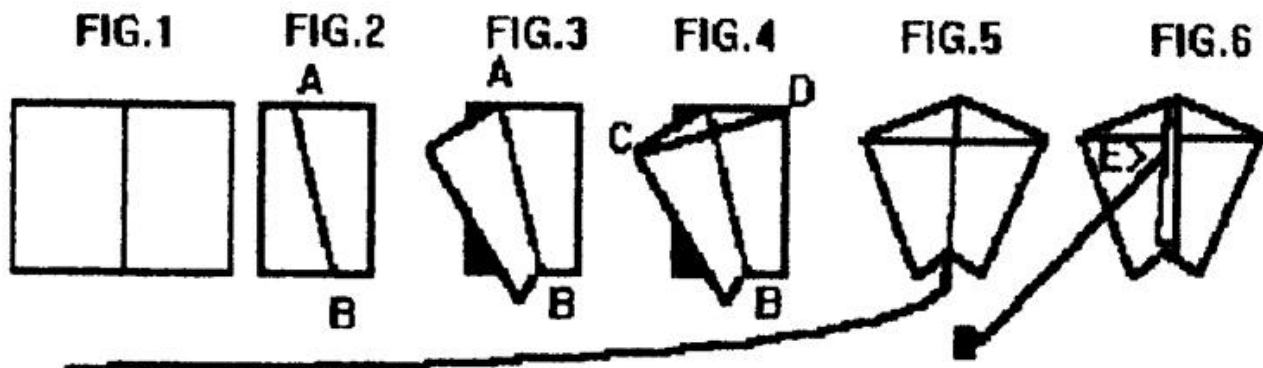
Material list:

- 20 sheets of brightly colored 8 1/2" x 11" multipurpose printing paper. 20Lb. Bond is good.
- 20 8" bamboo bar-b-que shishkabab sticks. Plastic coffee stirrers work too.
- 1 roll of florescent surveyor's flagging plastic tape. Available at any hardware store. (Yellow or Blue for Cub Scouts) A plastic bag cut in a 1" wide spiral all around will also make a great tail.
- 1 roll 1/2"wide masking tape or any type of plastic tape.
- 1 roll of string. (At least 200', 6 to 10 feet for each child.)
- 20 pieces of 1"x 3" cardboard on which to wind the string.
- Scissors.
- Hole punch. (optional)

For over 25 years the Big Wind Kite Factory has been giving kite making classes for the children on the island of Moloka'i in Hawai'i. These are the complete time tested instructions to get 20 kids making their own kites and flying them in 20 minutes.

Directions:

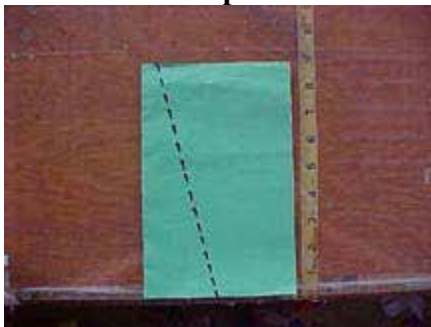
1. Fold a sheet of 8 1/2" x 11" paper in half to 8 1/2" x 5 1/2".
2. Fold again along the diagonal line A in Fig.2. This diagonal line can be determined by making a mark at the top 1/2 inch from the fold and a mark at the bottom 3 in. from the fold and drawing a line between these marks.
3. Fold back one side forming kite shape in Fig.3 and place tape firmly along fold line AB.(No stick is needed here because the fold stiffens the paper and acts like a spine.)
4. Place bar-b-que stick from point C to D and tape it down firmly.
5. Cut off 6 to 10 feet of plastic ribbon and tape it to the bottom of the kite at B.
6. Flip kite over onto its back and fold the front flap back and forth until it stands straight up.(Otherwise it acts like a rudder and the kite spins around in circles.)
7. Punch a hole in the flap at E, about 1/3 down from the top point A. This hole can be reinforced with an additional piece of tape.
8. Tie one end of the string to the hole and wind the other end onto the cardboard string winder.



Step 1



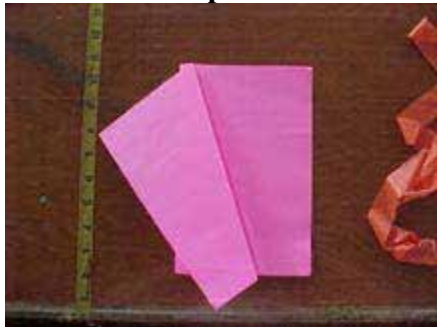
Step 2



Step 3



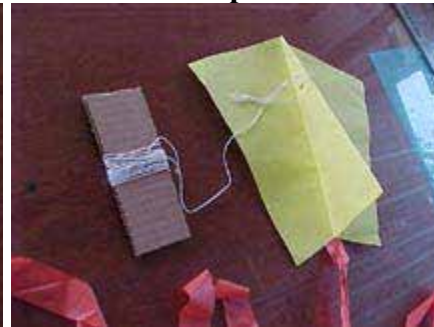
Step 4



Step 5



Step 6



Questions or comments or possibly custom designs, feel free to email:

Jon Hosford
jon@vtjewelry.com

Kiting Information Websites:

Kites in the Classroom, <http://blueskylark.org/zoo/class.html>

Kites in the Classroom (PDF file), <http://www.aka.kite.org/data/download/pdf/Manuals/kitc.pdf>

Kite Plan Base (KPB) - The largest kite plan archive, <http://www.vientocero.com/kpb/en.html>

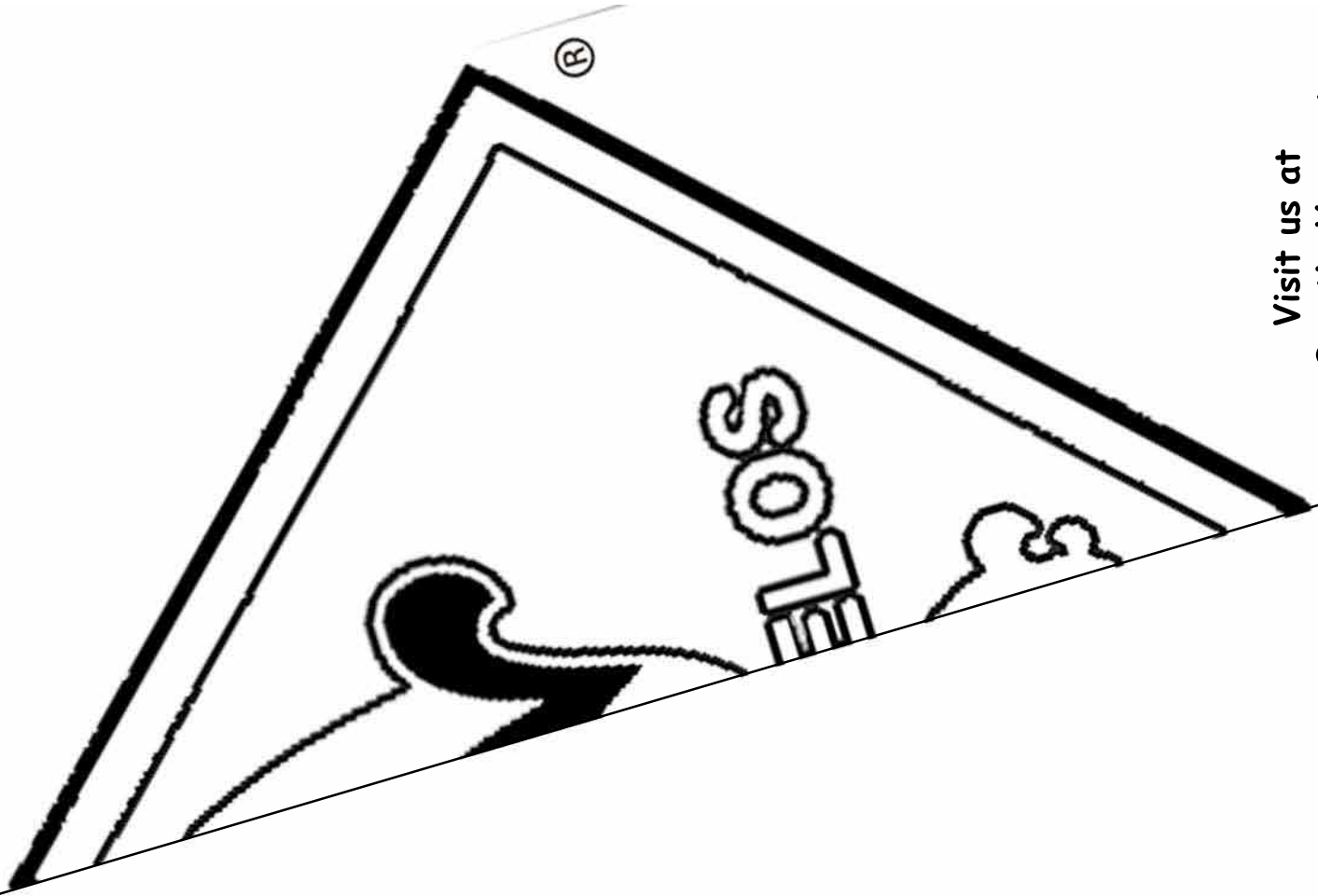
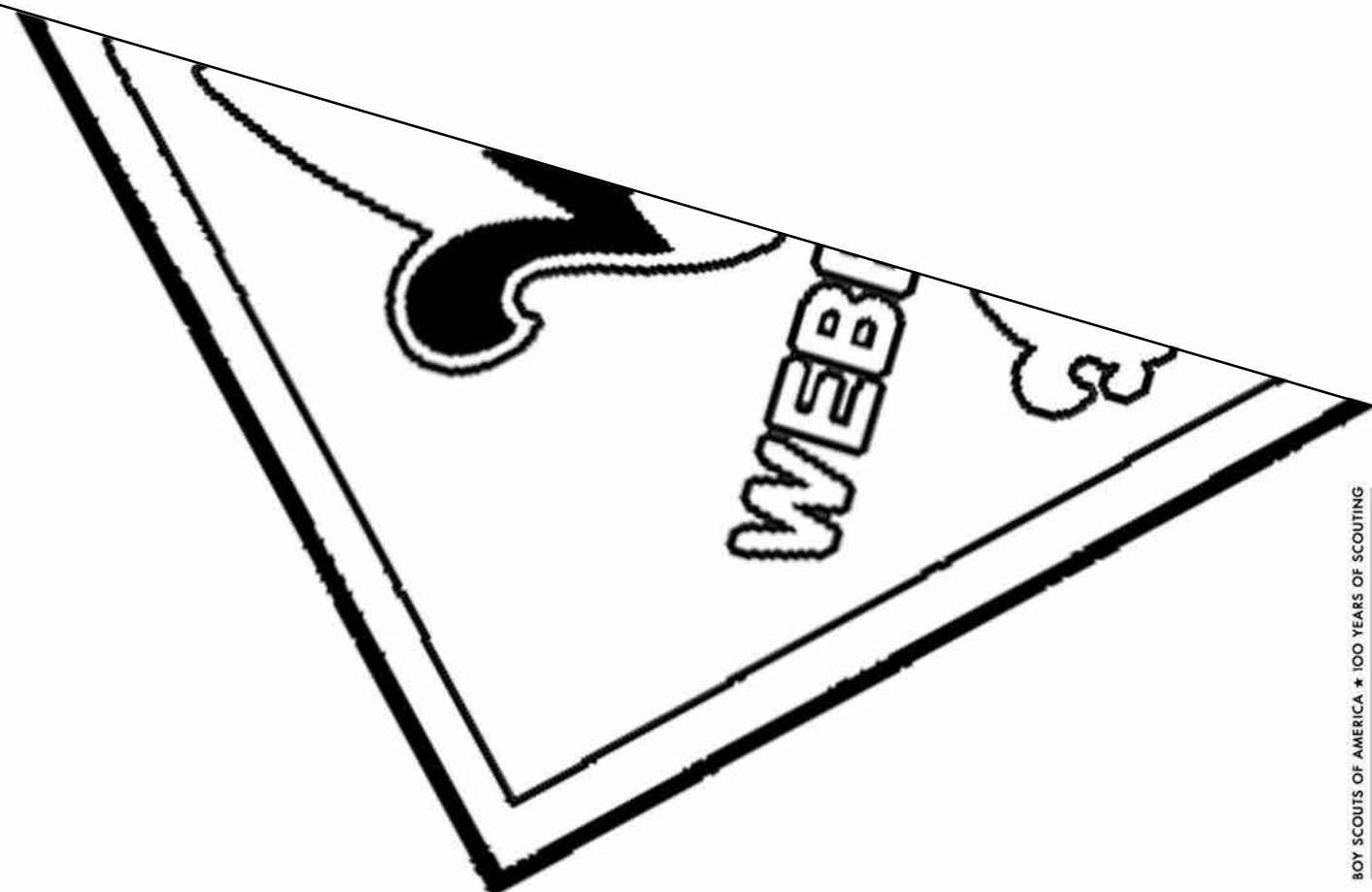
Virtual Kite Zoo, <http://blueskylark.org/zoo/index.html>

American Kitefliers Association, <http://www.aka.kite.org/>

Kites Over New England (KONE), <http://www.kone.org/>

New York Kite Enthusiasts (NYKE), <http://www.nyke.org/>

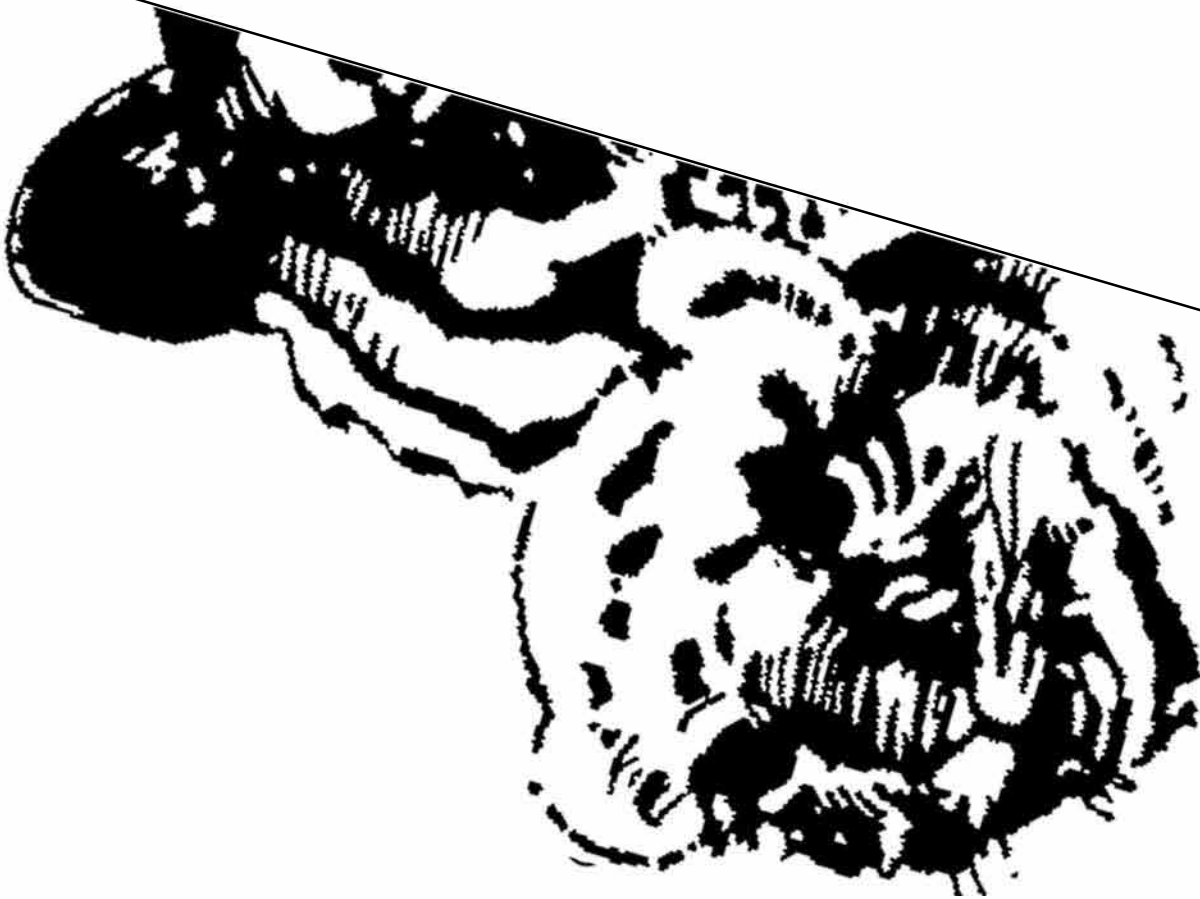
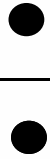
Did you know: Baden-Powell's brother was a kite enthusiast? He designed kites big enough to carry a man up for military reconnaissance!



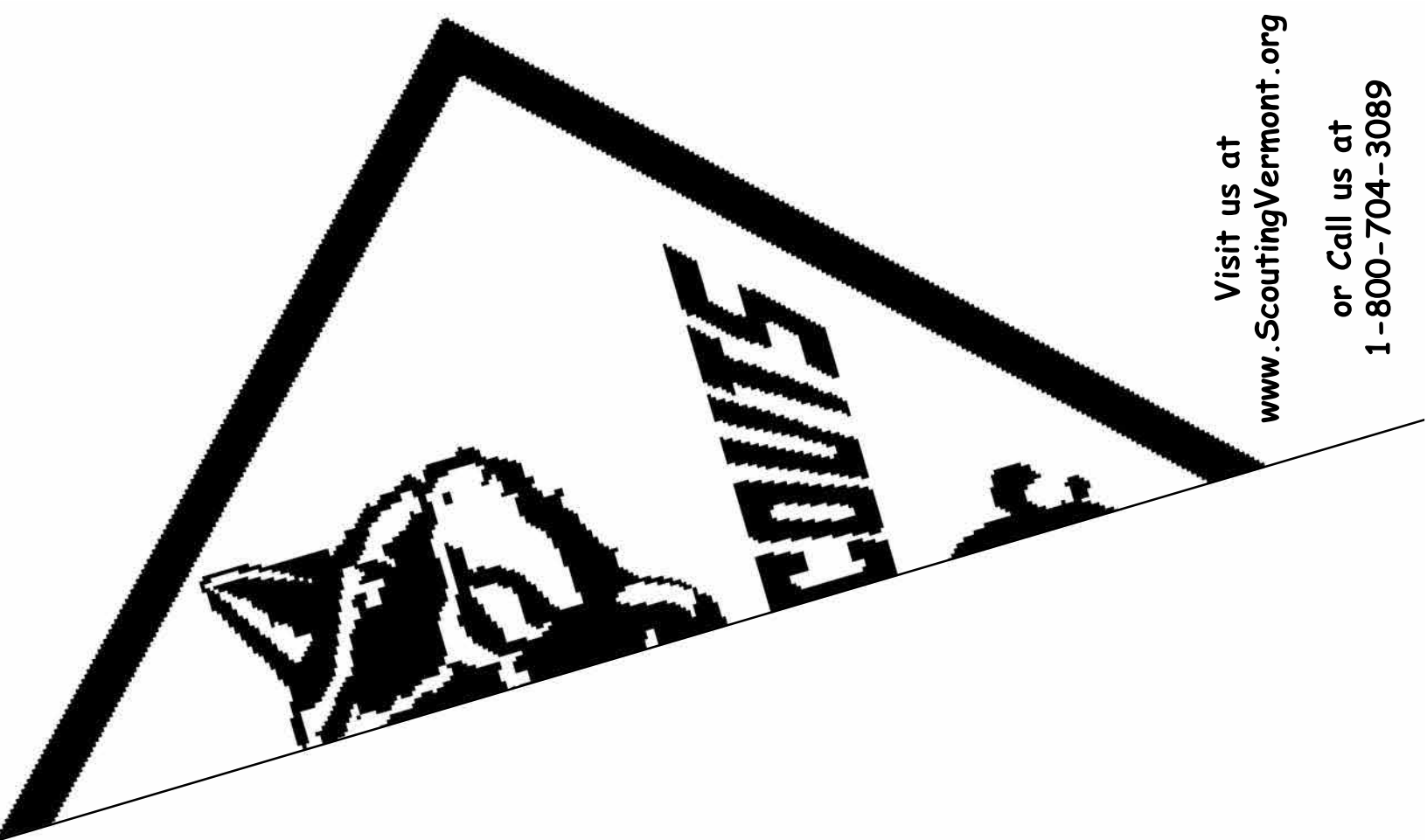
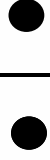
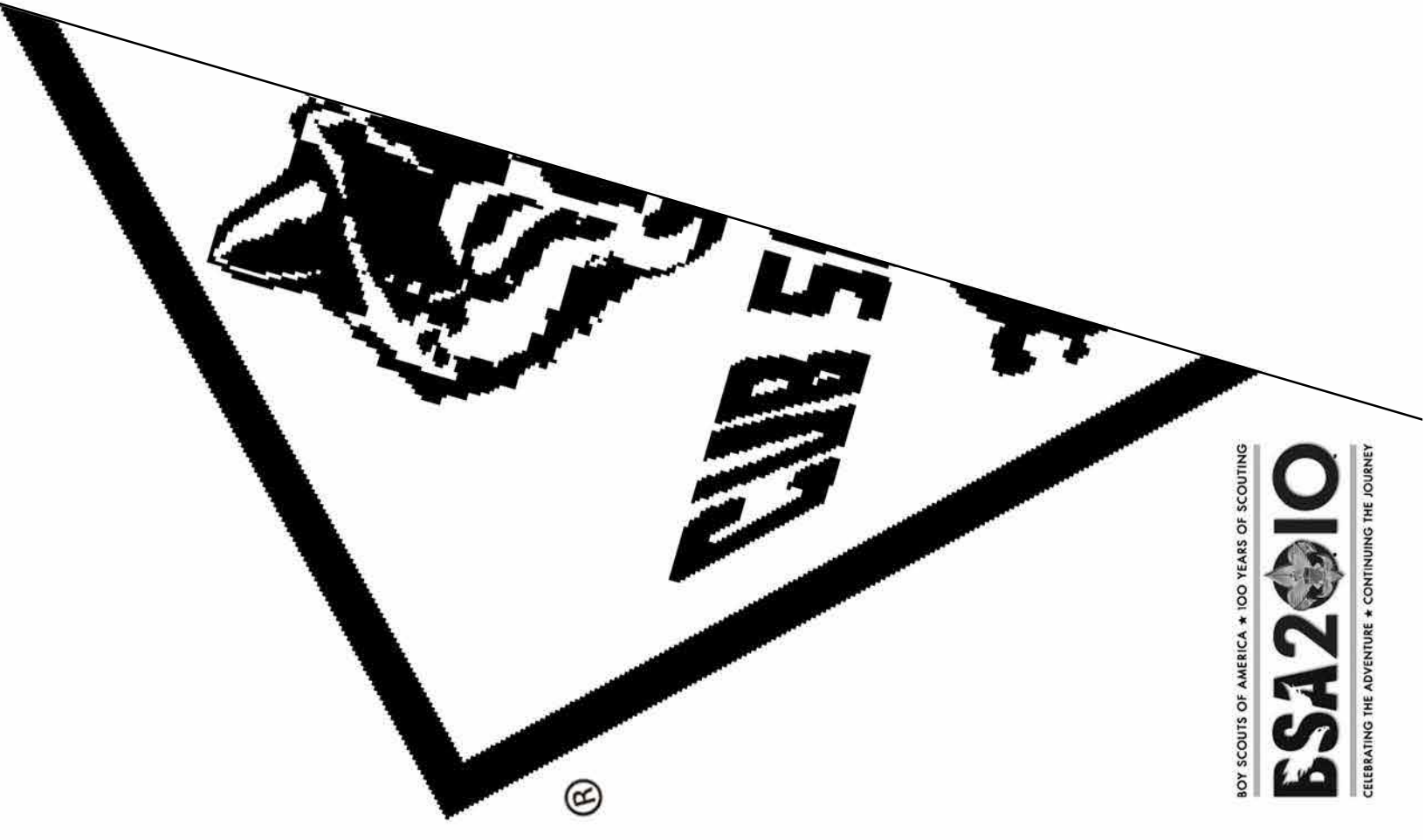
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BOY SCOUTS OF AMERICA ★ 100 YEARS OF SCOUTING
BSA 2010
CELEBRATING THE ADVENTURE ★ CONTINUING THE JOURNEY



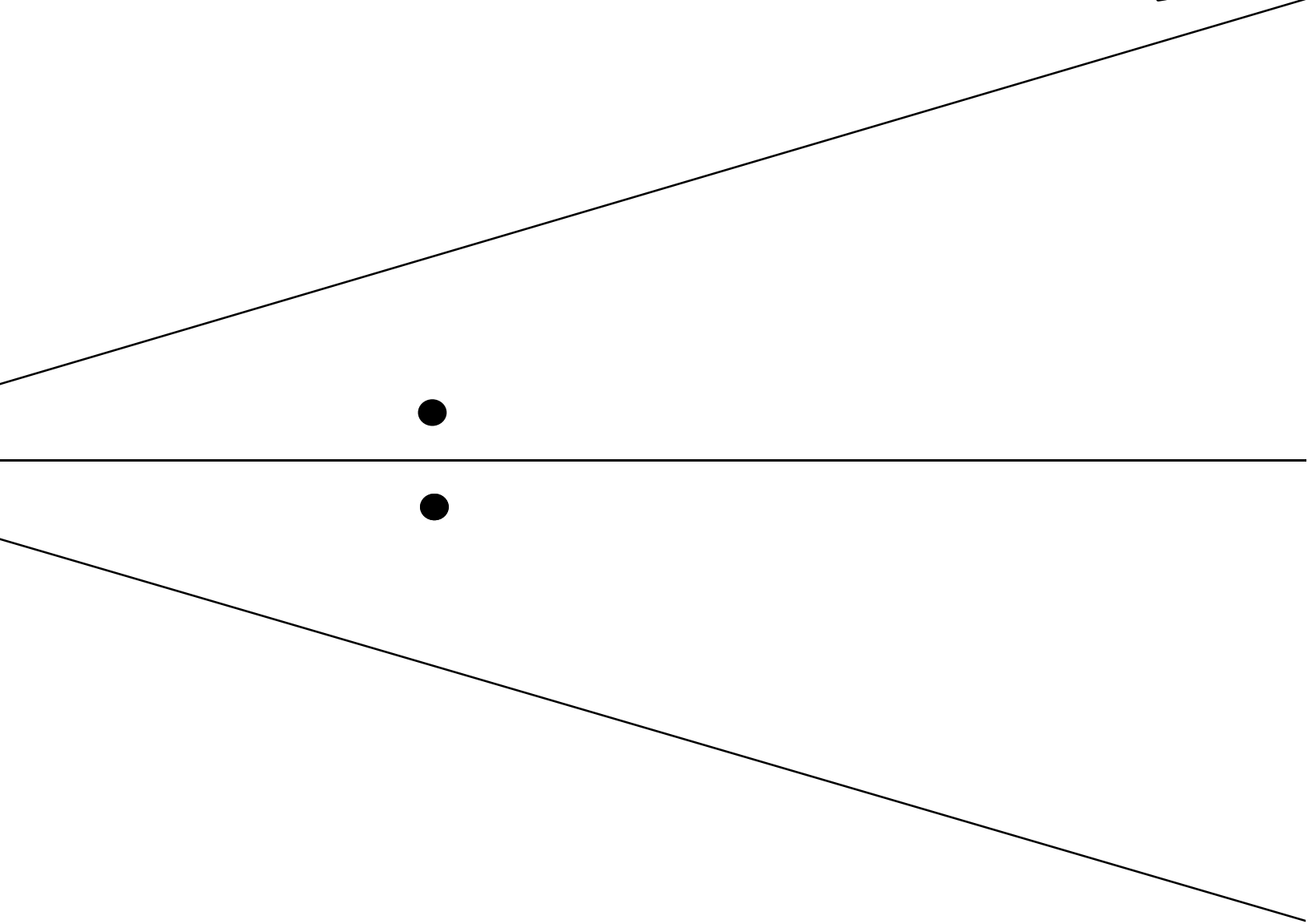
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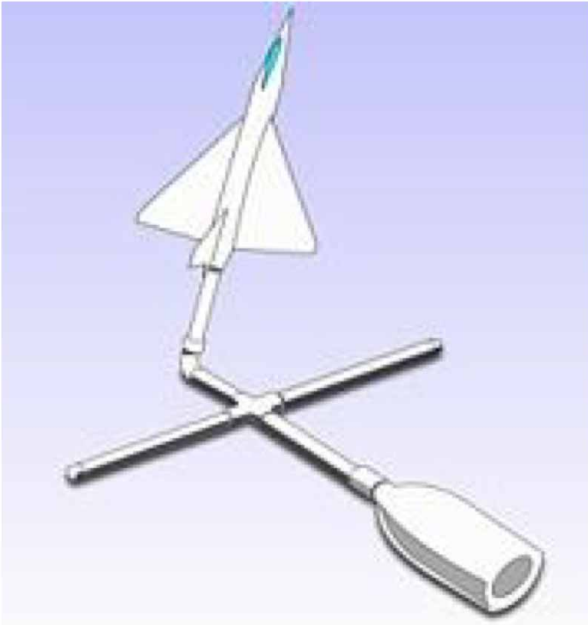
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Cub Scout Stomp Rocket

How to Build a Stomp Rocket!!!



<https://www.youtube.com/watch?v=QSS6ybomPLk>

This is very simple and does not cost a lot of money! Here are some quick items that you need to consider:

- How many boys to expect? I usually have about 3-5 rolling tubes and ask for 1-2 parents to help building the rockets. This takes about 20 min to get 8-15 boys finished with their own rockets.
- Have the launchers ready. I bring about 3-5 (already built) rocket launchers ready to go. This saves time and doesn't require use of a drill around the cub scouts.
- Length of the air tube connecting to the bottle? I recommend you use at three feet because the force created is quite large and the closer the boys get to the rockets the more of a likelihood that a rocket could come up and hit them in the face or eye.
- Safety Goggles! Please have the boys wear a pair of safety goggles. Although you can do it without...it's better to teach the boys about safety equipment.
- Bring extra 2-liter bottles. Sometimes the bottles get very used and or worn. The more they get used the

Remember this is supposed to be fun. Get the other boys involved, I have used them to "count down" to lift off so everyone knows the rockets are going up in the air. If you have at least (1) scout from each age group they can help the newer boys. Many times some boys don't want to leave their parents...that's ok, however, once they see what we are doing then love it!

Other fun activities to do at your recruiting event:

- knot tying sticks
- nature scavenger hunt
- making fishing lures
- making bird feeders with pine cones (cover with peanut butter and roll in bird seed)
- making paper airplanes and measuring how far they flight