

DoubleDiamond

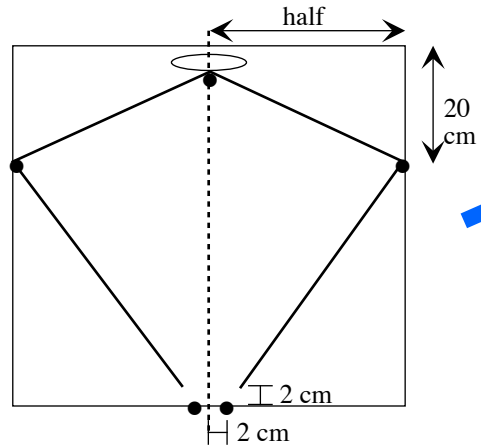
Wind: Light/medium
 Building time: 45 min
 Age: 10 years
 Reliability: Good

Material:
 One flat plastic bag from a shop, size approximately 60x60cm.
 Six bamboo sticks (from window blind)
 Adhesive tape

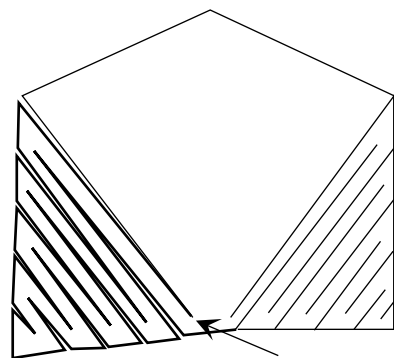


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1. Measure and mark five points on the bag: One just below the handle, one on each side edge (20 cm from top) and finally two at the bottom edge, each 2 cm from the middle. Draw the contours of the kite, from mark to mark. Note that the contour does not close at the bottom but stops 2 cm from the edge.

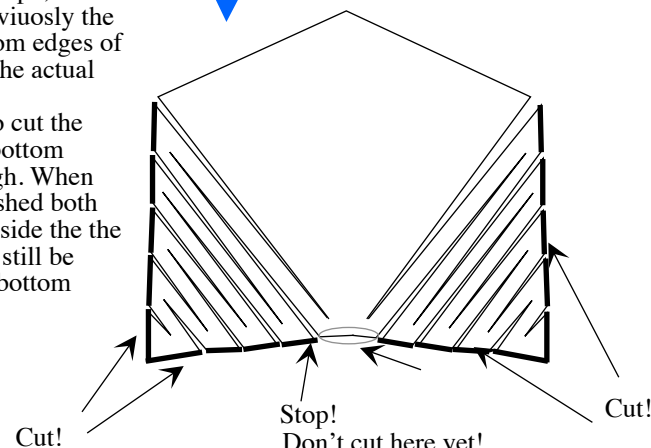


4. Cut along the lines you have drawn. This time start from the corner and work your way to the kite contour line. Be sure not to cut too much: Always stop 2 cm before the next edge. Do likewise with the other corner.



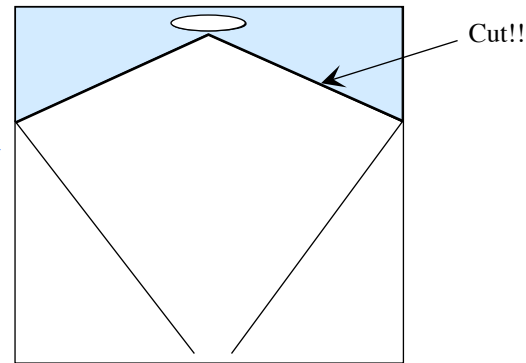
Stop!

5. Now that you have got a zig zag tape, cut what was previously the side and bottom edges of the bag. Cut the actual edge parts. Be sure not to cut the edge part in bottom middle, though. When you have finished both left and right side the "bag" should still be joined in the bottom middle.



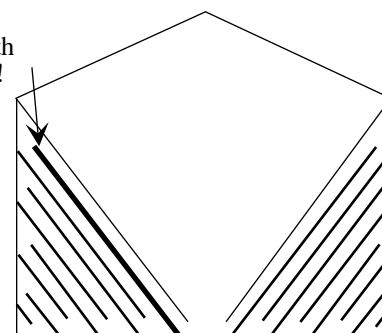
Stop! Don't cut here yet!

2. Cut off the top part with the handle



3. The corners that are left are to be the tails, and the trick is to make them as long as possible. Start with the left corner: Draw a line 2 cm to the left of the contour line. Draw from the bottom edge towards the left edge but stop 2 cm from the edge.

Start with this line!

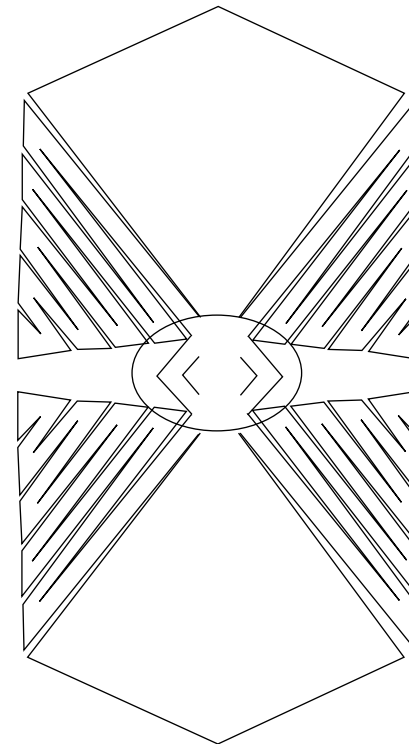


Now continue from the left edge and draw a new line 2 cm from the just finished one. This line starts at the left edge and stops 2 cm before the bottom edge. Continue to the corner with new lines, each second time from the bottom edge, each second time from the left edge. By this a zig zag tape is created. Do likewise on the right hand corner.

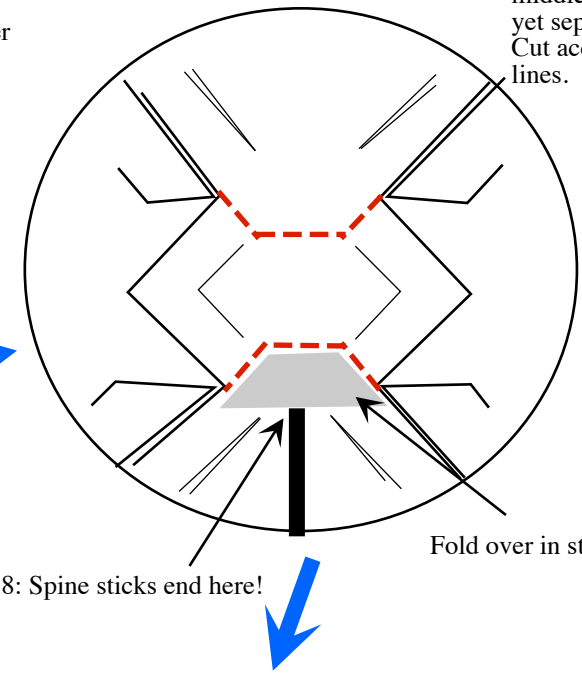
Continue on next page, left side.

6. Separate and fold out the two layers of the "bag". What previously was the inside of the bag should now be facing upwards. This is the back side of the kites.

Now is the time to separate the two kites from each other according to the enlarged detail...

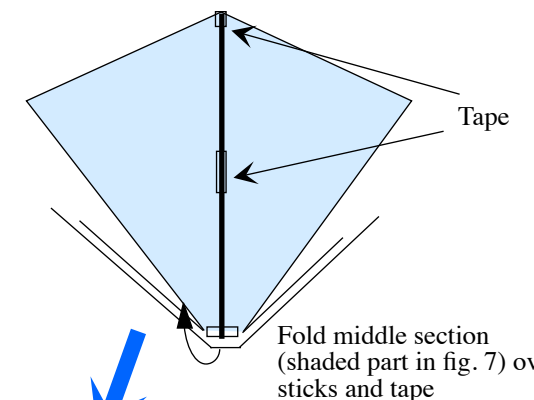


7. Enlarged detail of the middle section with kites not yet separated. Cut according to the dotted lines.



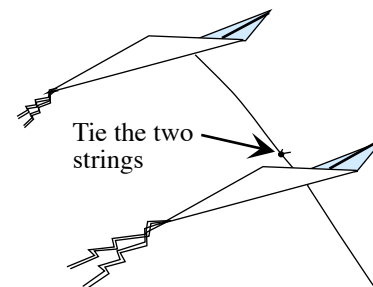
Fold over in step 8.

8. Make six sticks that have the same length as the spine of the kite, see fig. 7.. Take three at a time and make up into two bundles. Use adhesive tape at the end of the bundles and at three places with equal distance in between along the bundles. Fix the bundle to the longeron middle of the kites with adhesive tape. At the short end let the tape go over the edge to the other side of the sheet. Also tape in the middle.

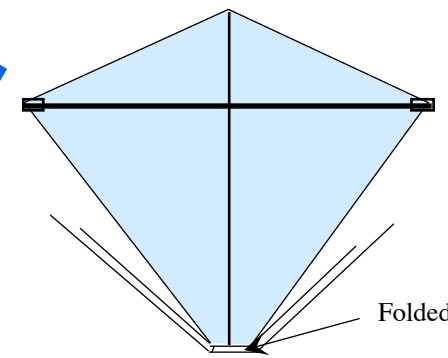


Fold middle section (shaded part in fig. 7) over sticks and tape

10. Get a 2 m long string and tie it firmly to the stick-cross of one of the kites and pull the string through the skin of the kite. Get another 2 m string and tie it likewise on the second kite, but on this one leave 20 cm of the string above the knot. Now tie the long string from the first kite to the short string of the second. Attach a flying line to the long string of the second kite and go out and fly!



9. Make four sticks that have the same length as the width of the kite. Take two at a time and make up into two bundles. Use adhesive tape at the end of the bundles and at three places with equal distance in between along the bundles. Fix the bundles across the kites with adhesive tape. At the short end let the tape go over the edge to the other side of the sheet. Don't tape in the middle!



Folded part