

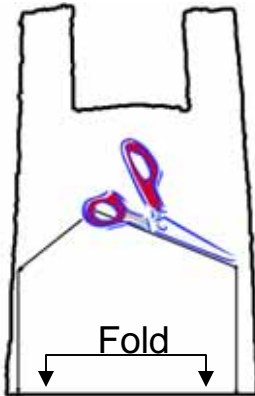
How to Build a Kite

Materials needed:

Plastic grocery bag
1/8" dowel rod in 2-12" sections
2 strips of plastic 1" wide by 12" long
(cut from the grocery bag or from a roll)

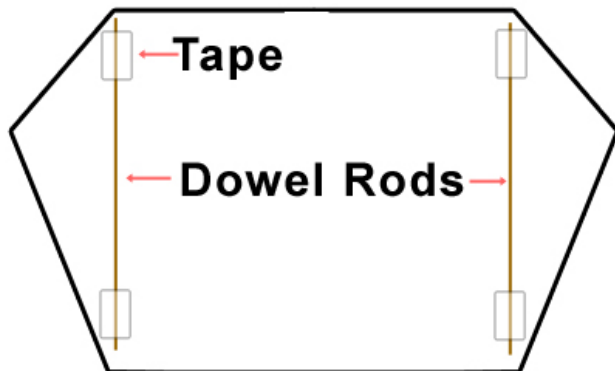
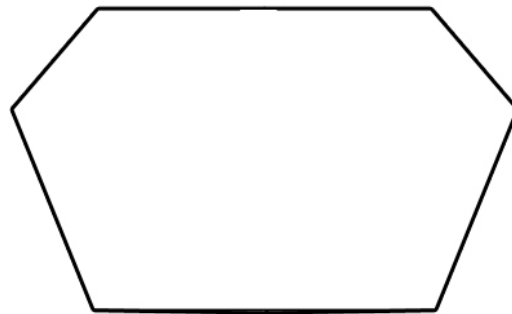
Hole punch
Pattern
Scotch tape
String

1. Lay the plastic grocery bag flat and place the pattern along the folded part of the bag.
2. Draw an outline of the pattern on the bag.



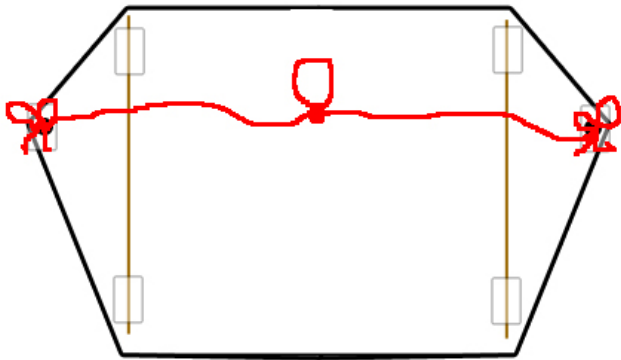
3. Cut along the outline. Be careful not to cut along the fold. Save the scraps.

4. Open the bag flat



5. Place the dowel rods on the bag as shown and tape the four corners.

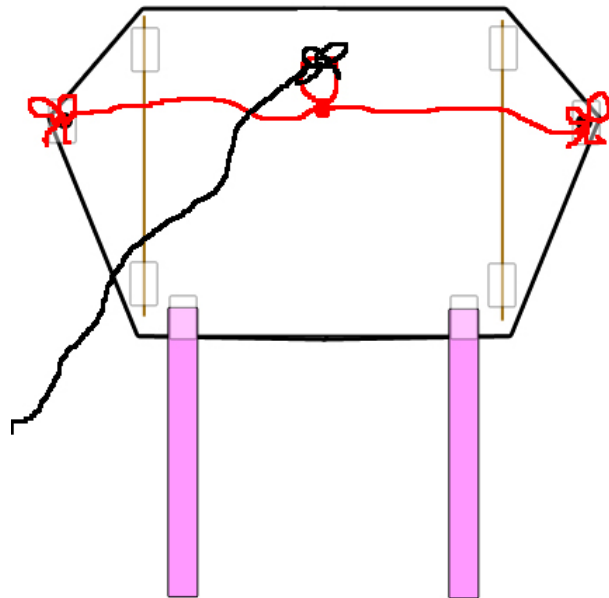
6. Reinforce the corners with tape. Punch a hole through the reinforced tape.



7. Cut a piece of string about 1 foot long. Tie each end in the holes. Tie a loop in the middle of the string.

8. Cut 2 pieces of the plastic bag into 1 inch by 12 inches. Tape the strips to the bottom of the kit.

9. Tie the remaining string to the loop. Take the kite outside and fly!



What to prepare ahead of time:

To save some time, make the following preparations ahead of time:

Most dowel rods are sold in 3 foot or 4 foot rods. Precut the dowel rods to 1 foot sections.

One inch wide plastic warning tape can be purchased in various colors from your local hardware store to be used for the tails. Precut this tape into 12-15 inch sections. This saves time so that the children do not have to cut out strips from the bag.

Have several pairs of markers, scissors and rolls of scotch tape available if you are assisting multiple kids at the same time.

Precut several of the patterns out of cardboard or poster board to make it easier for the children to trace the pattern.

Wrap about 20 feet of string around a popsicle stick and tape the end so it doesn't unravel. This gives each kid a small amount of string to fly their kite with. Too much string will just get tangled.

Place the string, tail and dowel rods inside the plastic grocery bag that they will use for the kite. This will make things simpler when handing items to the kids to assemble. Have the tape, scissors and patterns available on the work tables.

Tape a copy of instructions to the table so parents can help their kids assemble the kites

Assemble a sample kite yourself to make sure that you understand how the pattern works and as a model for the kids.