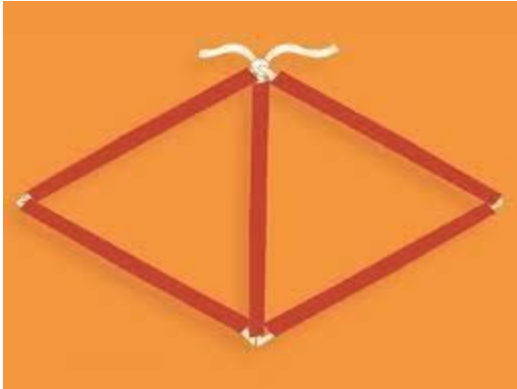


Directions for How To Make Kite Pyramid and Basic Kites

MATERIALS you will need to build the PYRAMID Kite

1. Tissue Paper
2. Scissors
3. String
4. 24 straws
5. Tape or glue stick
6. Long skinny stick to help with string



1. String three drinking straws together to form a triangle. The easiest is to give your thread extra slack. If you have a thin heavy needle you could use it and drop it down through one straw. Tie the triangles ends together securely, keep some string left to tie any ends when we put this together.

2. Thread and tie on two more straws to form a second triangle, using one of the first three straws for one side of the triangle. Then tie one more straw between the outer corner of the two triangles to form the back of pyramid.



STEP 1



STEP 2



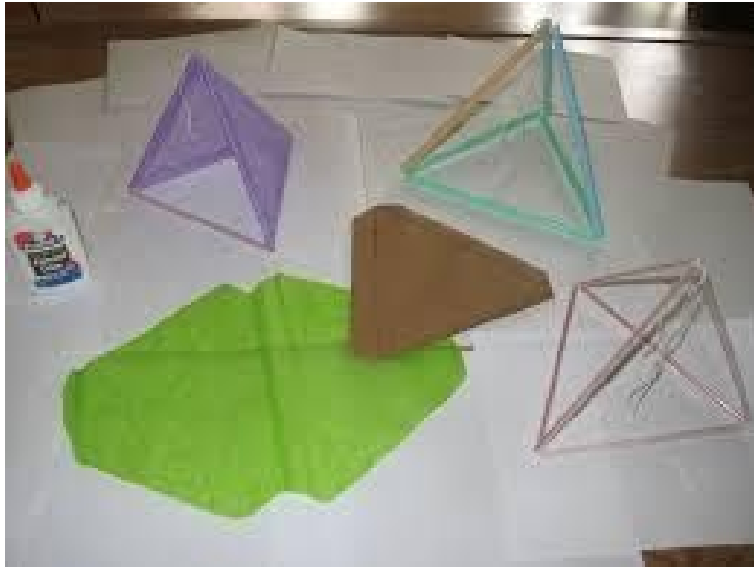
STEP 3



STEP 4

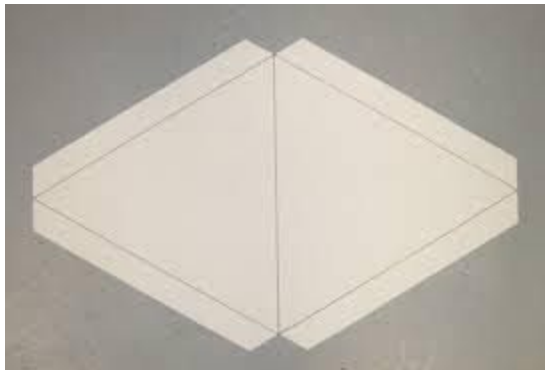
3. Make sure the thread is tight but not so tight that the straw bends. Make sure there is no slack that the pyramid does not flop. It should stand on its own once you have got all six straws in place, after you knot it do not cut extra string off yet.

1. Great now repeat these three more times.



2. Now you should have four Pyramids. Now it's time to trace the pyramid on a piece of paper to make your pattern. Like this, leaving the flaps around the pattern to glue or tape to the pyramid.

- 3.

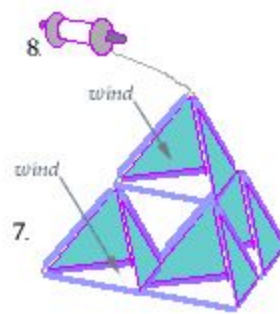


4. Trace the Pattern to your choice of color of tissue paper, leaving the flaps of the pattern.
5. Now tape or glue the paper to the pyramid to have it look like this. You should have what looks like a tent. Now do this to the other Pyramids.



6. You should have four pyramids that look like this or what I like to call four tents.

7. Stack the four pyramids into one LARGE pyramid: three on the bottom, one on top. Now you can tie the loose ends together to make it on large pyramid (if you cut the extras off already that's ok just use a little string and tie the ends together)



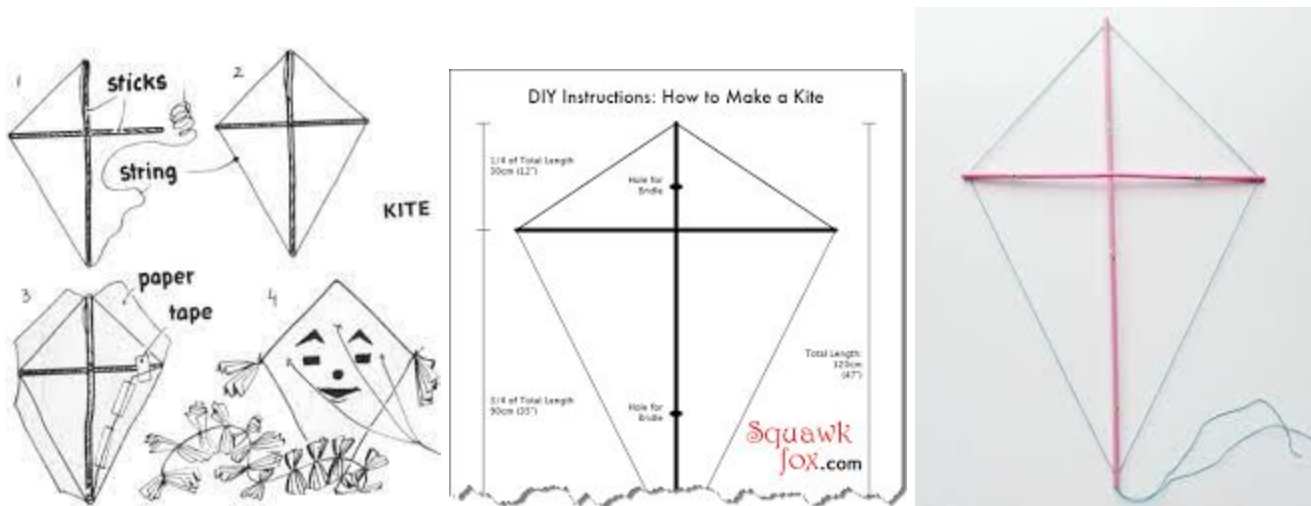
8. Now tie you string that you are going to fly with to the very top of the Large Pyramid.
9. Now the Pyramid kite is done. you can put streamers on the ends of the pyramid or combine other pyramids to make a bigger kite.



How to make a basic kite

Basic Kite, instead of sticks try use straws. You can even go out and find long light weight sticks from your yard.

1. Find some lightweight paper. Newspaper works great for this now you can use the directions here

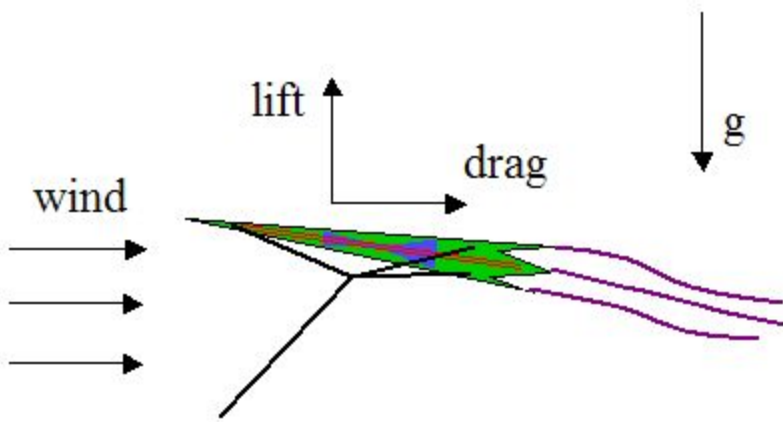
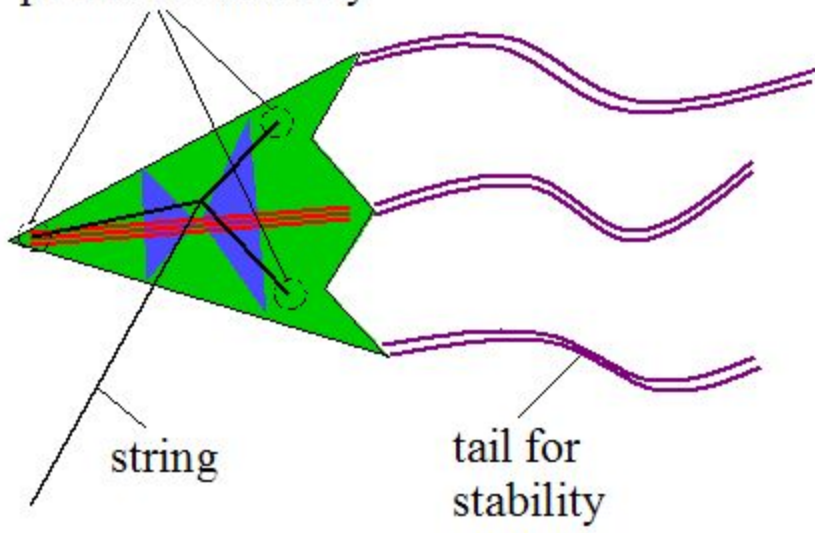


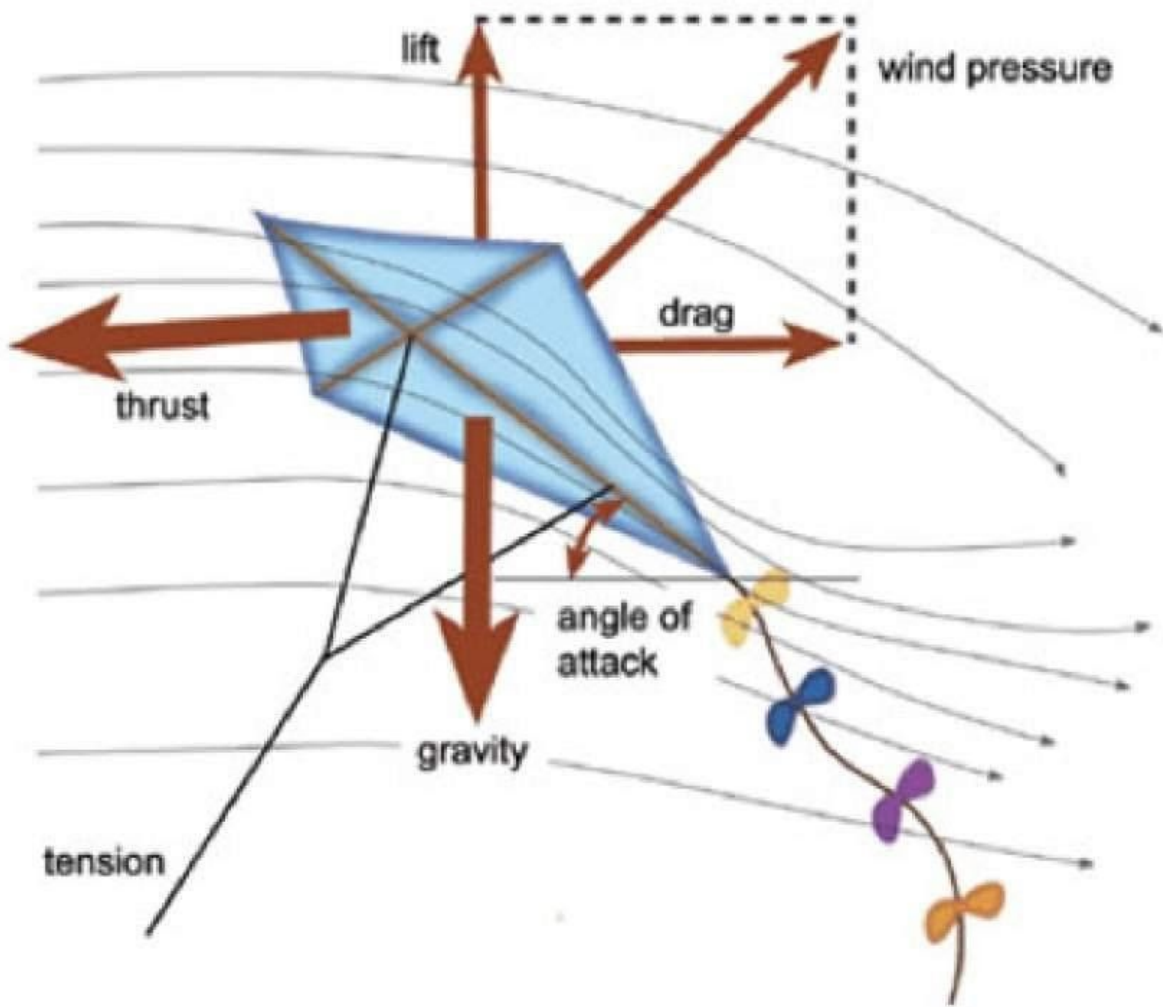
2. Do not forget the tail.
3. Have fun, just remember the lighter the materials are the better it will fly. And you can also use plastic bags for this.

Some ideas...



different attachment points for stability





Terminology:

Drag – The force acting in opposite to the relative motion of any object moving with respect to its surroundings.

Gravity – The force that attracts a body toward the center of the earth, or toward any other physical body having mass.

Lift – To move upward, be raised

Tension – The state of being stretched tight.