



Make a sled kite

The sled kite is a very simple design to make and it flies well in medium to strong wind.

Materials needed

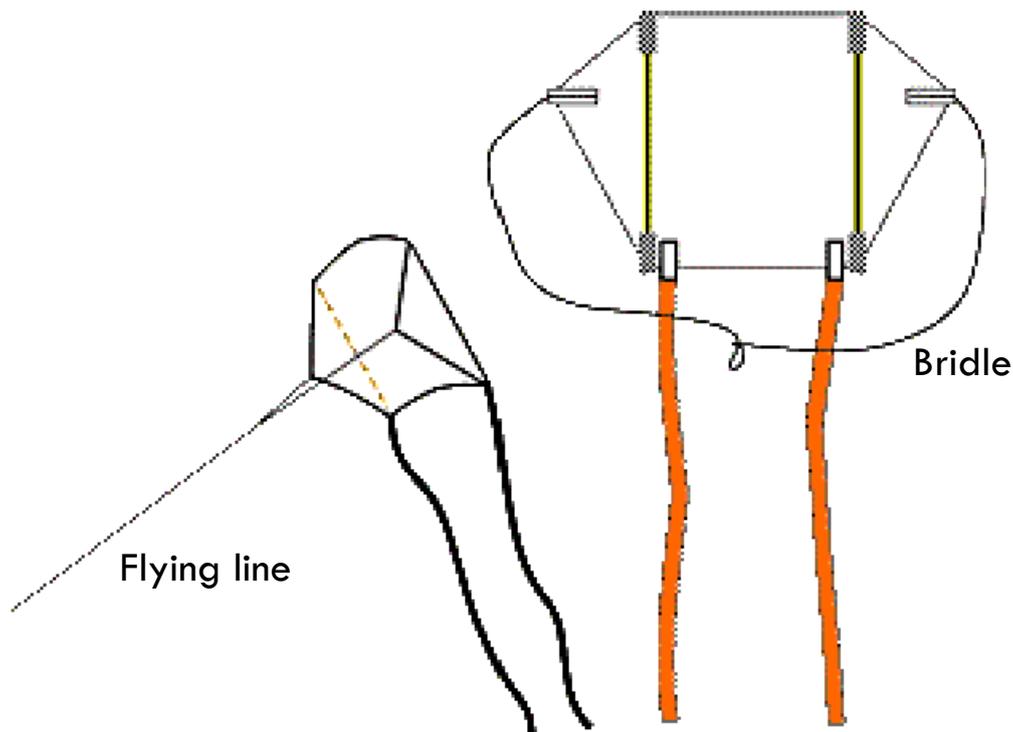
- Sled Kite Template
- Black plastic bin bag
- 1/8" wooden dowels or bamboo
- Sellotape or strong tape
- Scissors
- String
- Hole puncher
- Markers, crayons, pencils
- Selection of paper (crepe, tissue, newspaper)
- Glue

1. Photocopy the sled kite template onto A3 paper. Cut out the sled template on the bin bag. Stick onto your kite some decorations, shapes and patterns.
2. Measure and cut the dowels to the height of the kite and secure them on the wing lines with packing tape – a strip on the top and bottom and one in the middle.
3. To punch the bridle holes in the wing tips, first reinforce the tips with plastic tape or packing tape. This will stop the holes from ripping in the wind.
4. Use a hole puncher to make the bridle holes on each wing tip.
5. The bridle string should be five times as long as the height of the kite. Shorter bridles may keep the sail from catching the full wind. Tie the ends into the bridle holes.



6. To ensure that the bridle is even, fold the kite so that the wingtips are touching. Then pull the bridle straight out and find the exact midpoint of the string. This is a critical step. If the loop is not at the midpoint, the kite will dive to one side. Now tie a knot, leaving a small loop.

7. Tie your flying line to the loop and you are almost ready to fly. Attach two tails at the bottoms of the kite for decoration. The tails can be cloth, paper, or ribbon. They should be about two to three times the height of the kite.



KITE SAFETY

Never fly a kite:

- near electric lines or poles.
- near the edge of a steep hill or slope or too close to an airport
- very close to or over roads
- near ditches, stones, trees, and traffic or animals (e.g. nesting birds).

For the same reason do not fly in the rain or when it is stormy (the line can carry electricity)



Sled Kite Template

