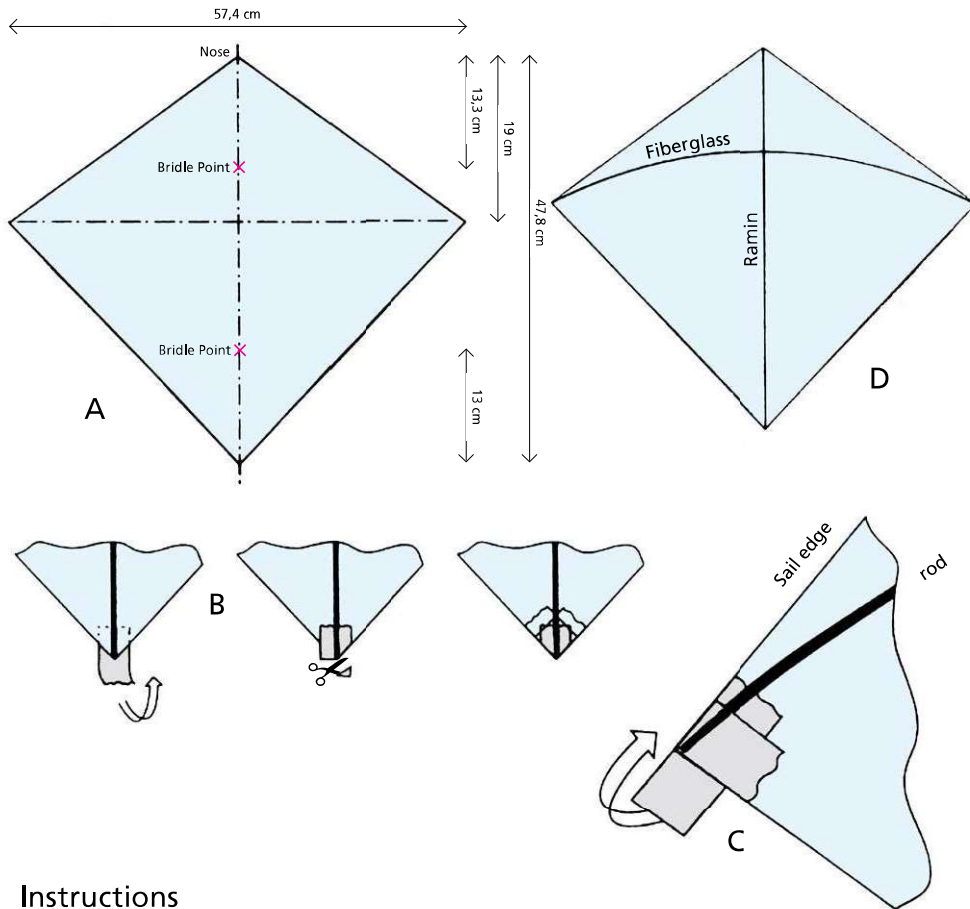


Information for teachers

HOW TO BUILD A KITE



Instructions

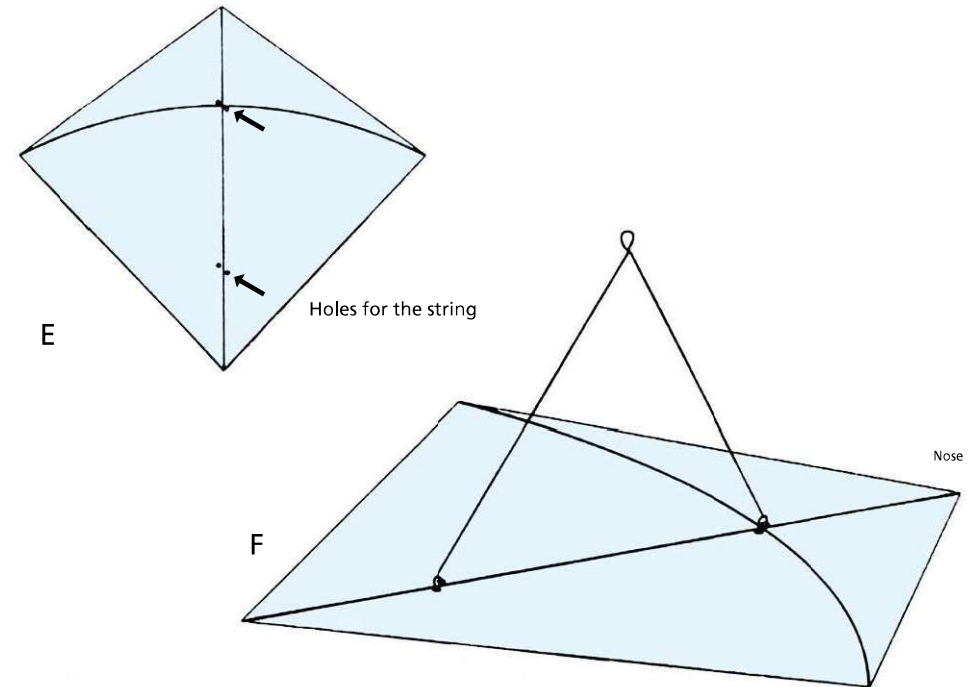
Drawing A indicates the dimensions for a cardboard shape. Punch holes at the bridle points as they can be directly transferred to the sail. Use a marker to trace the shape of your kite and cut it out.

Tape the ramin wood dowel from top to bottom to the sail as shown in drawing B. Cut

the protruding tape and reinforce both ends by adhering two pieces of tape diagonally on top of each other. Tape the fiberglass dowel to the left tip of the kite first (C). Make sure the dowel is taped to the sail edge at a slight angle as the dowel will then be bent towards the right edge of the sail. The point where the slightly bent fiberglass dowel and

What you need

Tyvek or thin plastic sheet (60x60cm)
 Dowel made of ramin wood, $\varnothing 3\text{mm}$, length: 48.7cm
 Dowel made of fiberglass, $\varnothing 3\text{mm}$, length: 54.7cm
 Braided string (80cm)
 Duct tape



the vertical dowel cross should be right at the upper bridle point (D).

In order to strengthen the structure, put a piece of tape on both bridle points on the side of the dowels (inner side). Thread the string through a sewing needle and punch a hole through the sail from the outside. Wrap the string around the crossing point of the dowels at the upper bridle point, punch the needle through the sail again and make a knot on the outside of the kite. Take the

other end of the string, and wrap it around the vertical dowel on the lower bridle point (E).

Tie a loop into the string. Make sure the upper end is about 5% (2cm) shorter than the lower end (F). As untying the loop is relatively easy (especially when using a braided string, the look can be adjusted at any time.

Tie the flying line to the loop, attach the tail to the kite and off you go!