## Kites

Equipment: A4 paper, plastic straws/skewers, crepe paper streamers, string, tape, markers, hole punch, string, rulers, pencils.

Description: Fold A4 paper in half across and measure 1.5 cm up from fold at one end and 3 cm at other. Fold out wings by joining the two marks.
Reinforce fold near smaller measurement and punch hole through all layers. Tape a straw/skewer equally across the two wings above punched hole. Staple some streamers to bottom end inside the fold.
Decorate wings on the underside. Attach string to reinforced hole.
Kite will fly with very little wind or running


## Material list:

- 20 sheets of brightly colored $81 / 2^{\prime \prime} \times 11^{\prime \prime}$ multipurpose printing paper. 20Lb. Bond is good.
- 20 8" bamboo bar-b-que shish kebab sticks.
- 1 roll of florescent surveyor's flagging plastic tape. Available at any hardware store. A plastic bag cut in a 1 " wide spiral all around will also make a great tail.
- 1 roll $1 / 2$ "wide masking tape or any type of plastic tape.
- 1 roll of string. (At least 200', 6 to 10 feet for each child.)
- 20 pieces of 1 "x 3 " cardboard on which to wind the string.
- Scissors.
- Hole punch. (optional)


## Directions:

1. Fold a sheet of $81 / 2^{\prime \prime} \times 11^{\prime \prime}$ paper in half to $81 / 2^{\prime \prime} \times 51 / 2^{\prime \prime}$.
2. Fold again along the diagonal line A in Fig.2. This diagonal line can be determined by making a mark at the top $1 / 2$ inch from the fold and a mark at the bottom 3 in. from the fold and drawing a line between these marks.
3. Fold back one side forming kite shape in Fig. 3 and place tape firmly along fold line AB.(No stick is needed here because the fold stiffins the paper and acts like a spine.)
4. Place bar-b-que stick from point $C$ to $D$ and tape it down firmly.
5. Cut off 6 to 10 feet of plastic ribbon and tape it to the bottom of the kite at B.
6. Flip kite over onto its back and fold the front flap back and forth until it stands straight up.(Otherwise it acts like a rudder and the kite spins around in circles.)
7. Punch a hole in the flap at $E$, about $1 / 3$ down from the top point $A$. This hole can be reinforced with an additional piece of tape.
8. Tie one end of the string to the hole and wind the other end onto the cardboard string winder.

