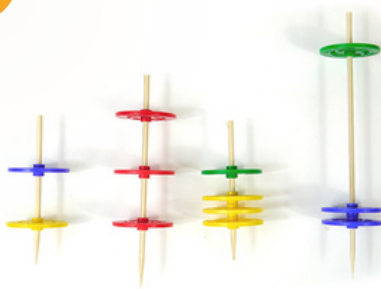




1

**Mini Project #1: Tops**

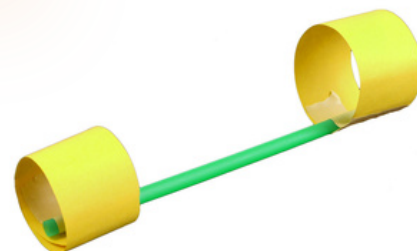
Use dowels or skewers, plastic wheels, and tape to experiment with unusual top designs

2

**Mini Project #2: Paper Structure**

Challenge students to hold a heavy object 4" above the ground using only a piece of paper. Hint: cylindrical!

3

**Mini Project #3: Straw Glider**

Tape a small loop of paper to one end of a straw and a bigger loop onto the other. Throw like a paper plane!

4



Mini Project #4: Exploding Sticks
Weave craft sticks as shown. When dropped, the tension causes the sticks to explode!

5a

**Mini Project #5: Best Paper Plane**

1: Start the plane as shown

5b



2. Fold the triangle up

5c



3. Fold another triangle to the center

5d



4. Fold the tip of the triangle to the edge of the last fold as shown

5e



5. Valley fold in half. Make sure the folds from the previous steps are on the outside of the plane

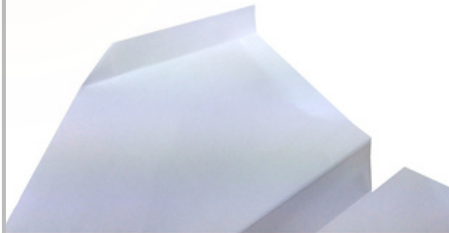


5f



6. Fold the wings. Create the crease about 1" from the bottom of the plane, and parallel to the centerline

5g



7. Fold 0.5" stabilizer fins on the edges of both wings

5h



8. Curl the back edge of the wings upward slightly.

9. To fly: Throw hard and upward!