Hot Air Balloon Construction

Materials Needed:
- 9 sheets tissue paper
- Construction paper strip
- Glue stick, scissors, ruler, pencil
- Hot air balloon launcher OR hot air popcorn popper (~ 1440 watts)

1. Make a square 20 inches by 20 inches.

2. Make four rectangles 20 inches by 26 inches. Cut two from one color and two from a second color.

3. Make four trapezoids as shown. Cut two from one color and two from a second color.

4. Glue the rectangles and trapezoids into panels, alternating colors.
5. Glue the square on top.

6. Make a construction paper ring 1/2 inch by 26 inches. Glue it on to the bottom edge of the balloon.

7. Hold over heat source and launch. Be sure to follow all safety precautions.

Hot Air Balloon History Websites

If you have not already investigated hot air balloons, you may find the following websites helpful in learning more:

- **EBalloon Hot Air Balloon Pictures:** [http://www.eballoon.org/](http://www.eballoon.org/)

- **How Stuff Works:** [http://travel.howstuffworks.com/hot-air-balloon.htm](http://travel.howstuffworks.com/hot-air-balloon.htm)

- **Nova Online:**

- **NASA Glenn Learning Technologies Project:**
  [http://www.grc.nasa.gov/WWW/K-12/TRC/Aeronautics/Hot_Air_Balloon.html](http://www.grc.nasa.gov/WWW/K-12/TRC/Aeronautics/Hot_Air_Balloon.html)