

Building A Pyramid

Students will construct a scale model of the Great Pyramid at Giza using the materials and directions listed below.

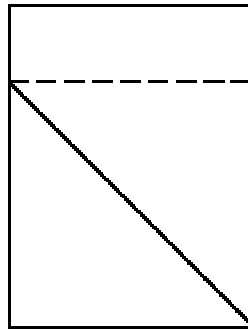
MATERIALS:

1. 8 1/2" X 11" sheets of paper
2. scissors
3. rulers
4. black pencils
5. red pencils
6. blue pencils
7. Tape

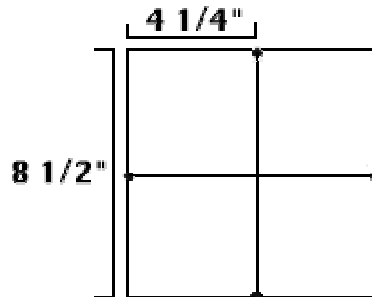
DIRECTIONS:

Note: Each student will make a pyramid individually; however, students should help each other as they are completing the task.

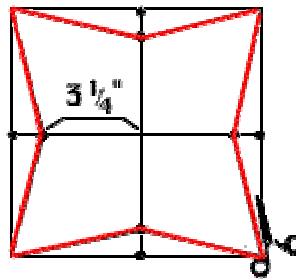
1. Following Diagram 1, fold one corner of the paper to the opposite side. Cut off the extra rectangle. The result is an 8 1/2" square sheet of paper.



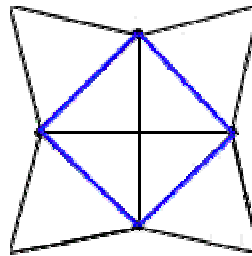
2. Fold the paper in half and in half again. Open the paper out and mark the midpoint on each side. Draw a line connecting opposite center points.



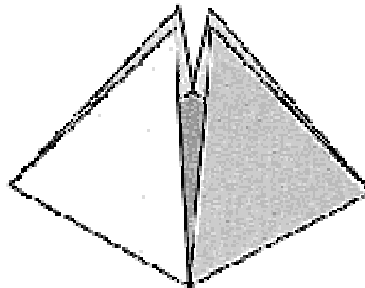
3. Measure $3 \frac{1}{4}$ inches out from the center on each of the four lines. Draw a red line from each corner of the paper to each point you just marked. Cut along these red lines to see what to throw away.



4. Draw blue lines as shown below.



5. Neatly print your name at the base of one of the sides of the pyramid (before folding and taping).
6. Fold along the lines. Tape the edges together.



7. You now have a pyramid that is a scale model of the Great Pyramid at Giza.