Arvind Gupta
Toys from Trash
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TOYS FROM TRASH
Design: Ashok Sonalkar & Ashok Gani

3-D, POP-UP HOUSE
Grid of four equilateral triangles

Fold triangles into a pyramid
Joints should be flexible
Glue rectangular cards on opposite triangles for roof

Roof of the house ready!
Bottom view of the roof

Triangles joined with flexible paper-strip hinges

Collapsible cuboidal house base with door and window
Place roof on the house base

House ready!
Collapse the house by flattening the base

House completely flat. 2-D from 3-D!
Apply glue to a paper flap

Glue two paper flaps to adjacent sides of the base of the house
Glue a beautiful backdrop to a thick card-sheet at an angle.

Serene backdrop of blue skies and lush fields!
Stick flaps on the house in front of the backdrop exactly on the middle fold.
House card ready to fold!

Top view of the card being folded
As the card is folded, house flattens and collapses.

Card is folded and flattens completely.
Mr. Ashok Sonalkar with his creation!
3-D Pop-Up

House

Step-by-Step Photo Guide

1. Draw and cut four squares.

2. Draw and cut four equilateral triangles. All joints should be flexible.

3. Place the roof on the house and tape ONLY.

4. Collapse the house by flattening its base.

5. On a creased folder as shown, stick two edges of the house with tabs.

6. On closing the folder, the house will collapse. 3-D house will stand up.

To complete the house:

Stick doors and windows.

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