

HOMEMADE WATER BOMB

ENGINEERING CHALLENGE 19

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The brief

Make your own water bomb out of paper.

The method

1. Take a square piece of paper, fold it in half diagonally to create a crease and unfold. Repeat in the opposite direction so you have an 'x' shape.
2. Flip the paper over and fold in half top to bottom.
3. Flip the paper over again and press down in the middle, while folding in the flaps on the side. You should get a triangle.
4. Take the flaps on the front side and fold them up to the middle.
5. Fold the side corners to the middle line. This should create little pockets.
6. Take the flaps above the pockets and push them in to the pockets.
7. Repeat steps 4 – 6 on the other side.
8. Blow in the little hole in the bottom to inflate.
9. Use the pipette to fill your water bomb.

Materials

Square piece of paper
Water and a pipette

