

ORIGAMI BOATS

Description

A Japanese art of origami is transforming sheets of paper into 2D/3D objects (models) by a folding sequence. According to research, it is an efficient approach to boost geometrical thinking and spatial intelligence. There are many levels of origami art, but we will opt for the objects that are easier to make.



Time Needed

20 min

Learning Setting

Group activity, but every person creates their own piece.



Materials Required

Coloured paper (for the boats to be multicolor and visually attractive)

Source

DSG

Learning Objectives



- Development of spatial reasoning
- Training geometrical thinking
- To practise tangible modelling

Expected Results

- 10 coloured boats, created with the origami technique
- Seniors will have trained fine hand motor skills.
- Seniors will have practised an exercise which connects geometric thinking and spatial reasoning.

Practical Tips

- The instructor should adapt the pace to the elderly. If they need time to fold and adjust papers, there should not be any rush.
- Instead of boats, other objects might be created. It should go in line with the motor ability of the elderly, as some models will be difficult for them to create. Boats are considered a basic level of origami.
- It is helpful to be able to play a Youtube video instruction on a particular Origami piece, in case participants are stuck at a certain step.

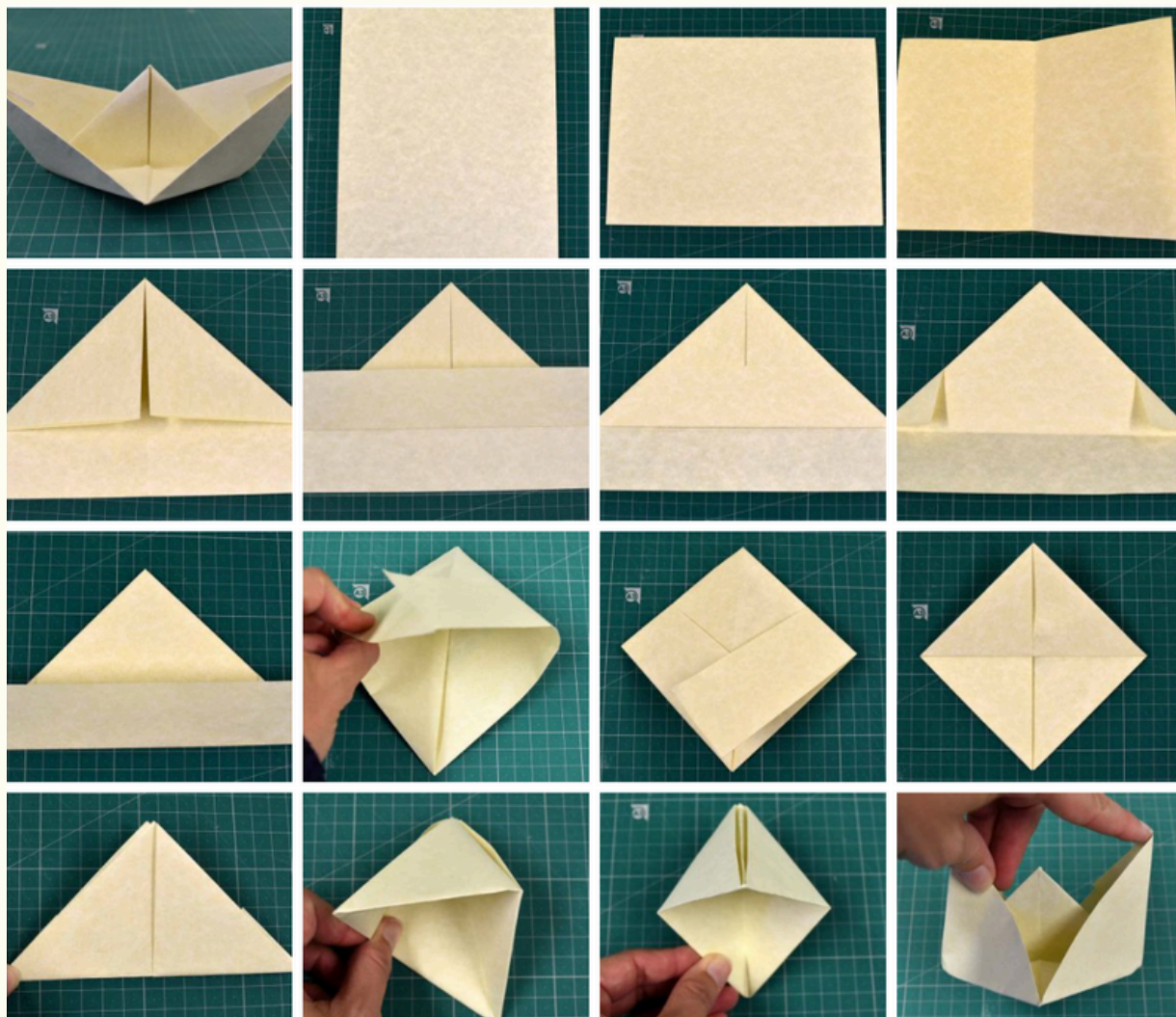


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Step By Step Guidance

1. Fold an A4 sheet in half.
2. Fold in half again and unfold. Fold the corners down to the centre line.
3. Fold the bottom strip upwards and fold the corners over. Turn over.
4. Fold bottom strip upwards.
5. Open out and fold to form square.
6. Fold bottom half (triangle) upwards. Turn over and repeat this step to form a triangle.
7. Open out as in step 5 again.
8. Take the top two corners and pull apart to form the boat.



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