

Origami foundations

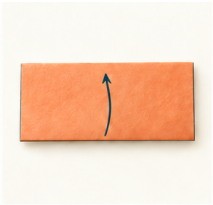
One 15 × 15 cm peach/white square and a spare square. Thin paper; a clear flat table.

Dashed: valley fold. Dash-dot: mountain fold. Fine line: existing crease. Arrow: movement.



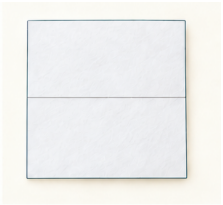
1. Check the square

Place a 15 × 15 cm square white side up, with its edges horizontal and vertical.



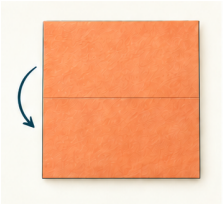
2. Fold edge to edge

Bring the bottom edge up to the top edge. Match both pairs of corners, hold them, then smooth the center fold outward.



3. Unfold the precrease

Lift the upper half and reopen the sheet white side up. Leave the new horizontal center crease visible.



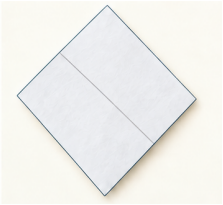
4. Turn the sheet over

Turn the whole square over from left to right, keeping its edges horizontal. The peach side now faces you.



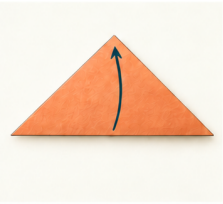
5. Feel a mountain ridge

Raise the existing center crease gently into a ridge with the peach side outside. Let both halves slope away without making another line.



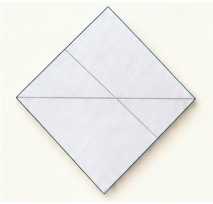
6. Reset and rotate

Open the sheet, turn it white side up and rotate it on the table into a diamond, with one corner nearest you.



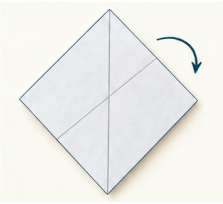
7. Make a diagonal triangle

Bring the bottom corner to the top corner. Match the sloping edges, hold the tips and press the long bottom crease.



8. Open the triangle

Unfold back to a white diamond. Find the new horizontal diagonal running between the left and right corners.



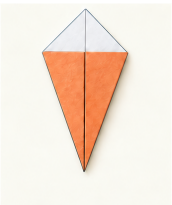
9. Rotate the guide upright

Rotate the diamond a quarter turn on the table, keeping the white face up. The corner-to-corner crease should now be vertical.



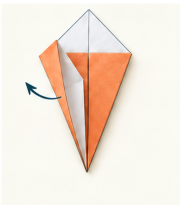
10. Bring one edge to the center

Fold the lower-left sloping edge onto the vertical center crease. Start at the bottom point, align the edge and press.



11. Complete the kite base

Fold the lower-right sloping edge onto the same center crease. Keep the first flap flat and press the new fold.



12. Identify a single flap

Lift only the left side flap slightly by its loose edge. Keep the right flap and main sheet still, then lower the left flap again.