

Hexagonal Box (by Nick Robinson)

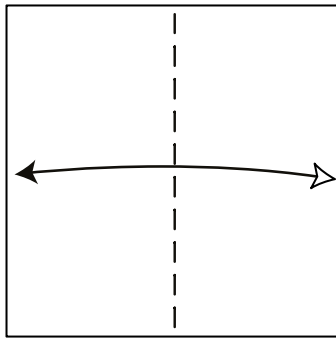
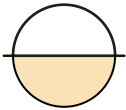
Design: Nick Robinson (adapted from Shuzo Fujimoto)

Diagram: Nick Robinson

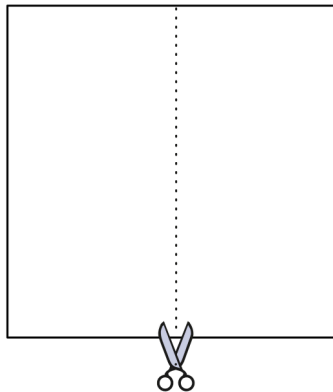
Web: origami.me/hexagonal-box



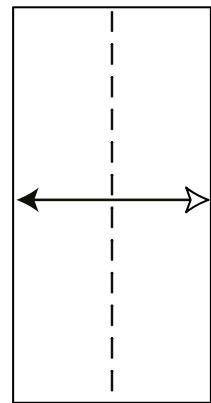
Click on the URL above to find pictures, videos, and a helpful community.



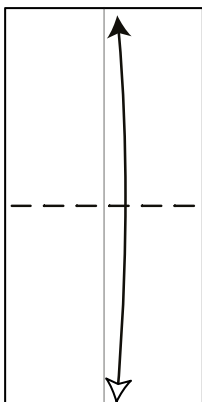
STEP 1: Start with the white side of the paper facing up. Fold it in half vertically, then unfold.



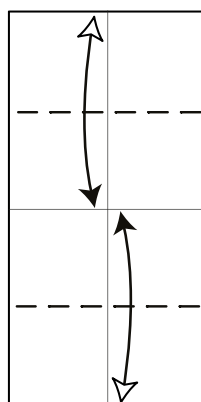
STEP 2: Cut along the crease you just made.



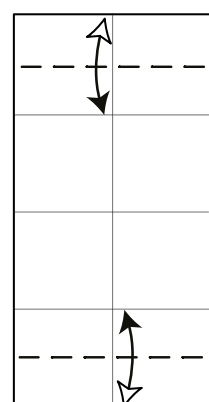
STEP 3: Fold the piece in half vertically again, then unfold.



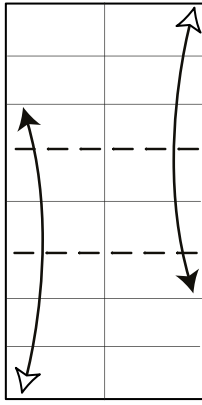
STEP 4: Fold in half horizontally, then unfold.



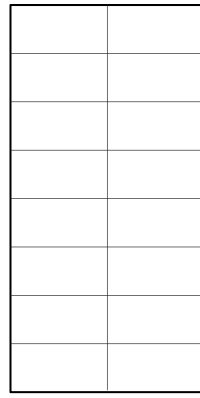
STEP 5: Fold the top and bottom edges to meet the center crease.



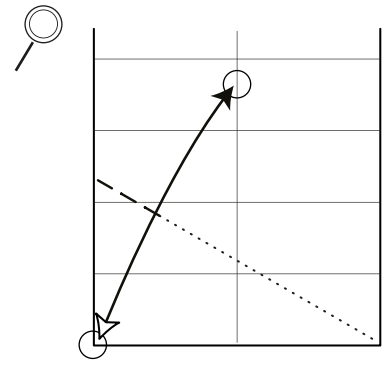
STEP 6: Fold the top and bottom edges again, this time to meet the creases you just made in Step 5.



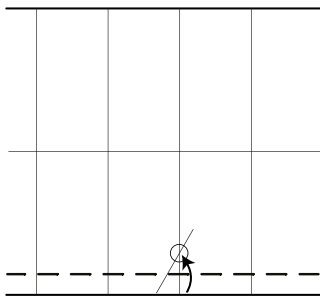
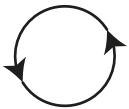
STEP 7: Fold and unfold the bottom edge to the second crease from the top. Then do the same for the top edge, folding it to the second crease from the bottom.



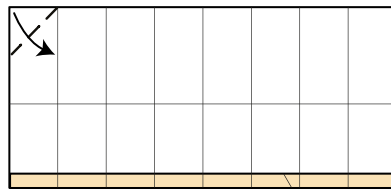
It looks like this.



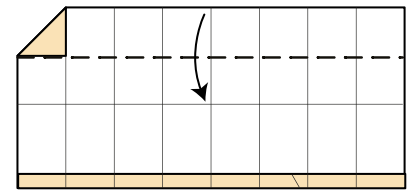
STEP 8: Fold the bottom left corner to the circled point, but only crease the left edge. Start the fold from the bottom right corner.



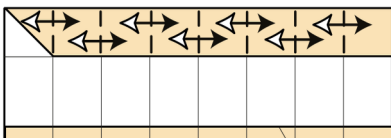
STEP 9: Rotate the model 90° counterclockwise. Then, fold the bottom edge up to the reference point you made in Step 8.



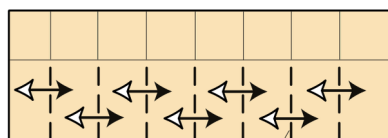
STEP 10: Fold the top left edge to the nearest vertical crease.



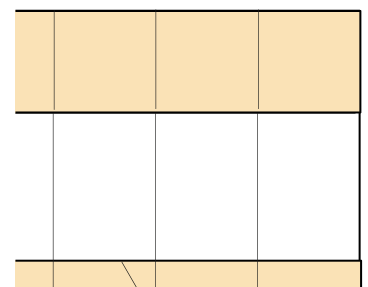
STEP 11: Fold the top edge down to the horizontal centerline.



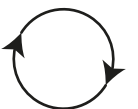
STEP 12: Reinforce all the vertical creases in the top colored section. Then turn the model over.

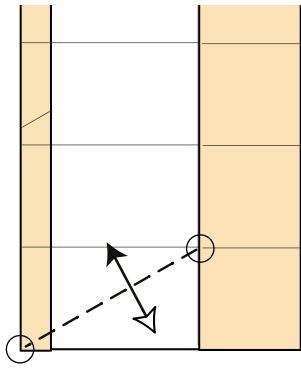


STEP 13: Reinforce all vertical creases in the bottom section. Then turn the model over again.

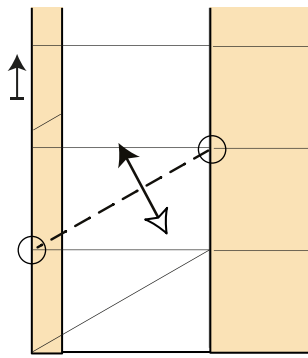


STEP 14: Rotate the model 90° clockwise.

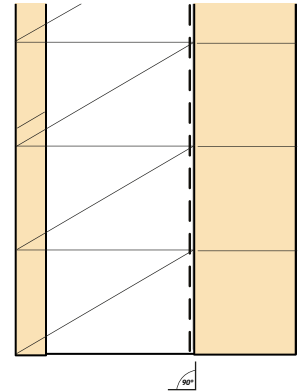




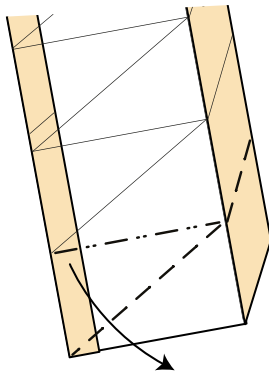
STEP 15: Fold and unfold a diagonal crease across the bottom left rectangle.



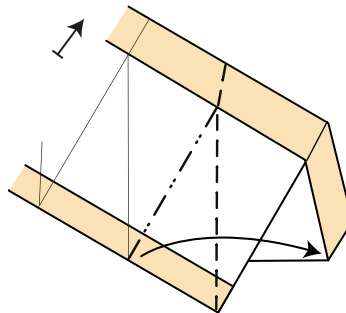
STEP 16: Repeat Step 15 for all rectangular sections.



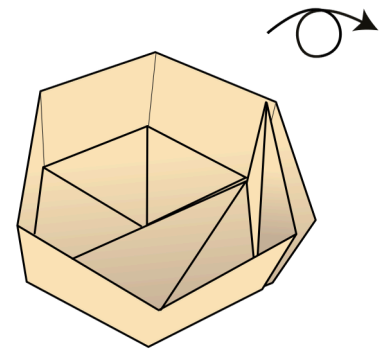
STEP 17: Fold the right section up, forming a 90° angle with the left section.



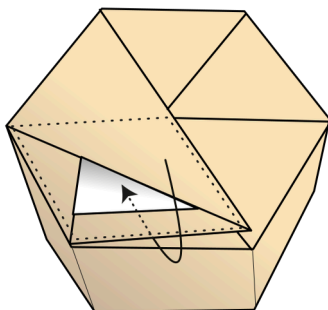
STEP 18: Collapse the paper along the existing creases as shown.



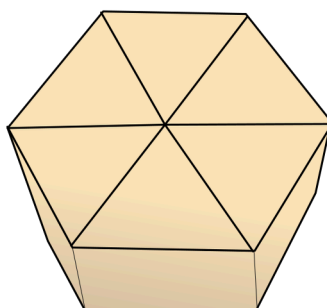
STEP 19: Repeat Step 18 for all sections.



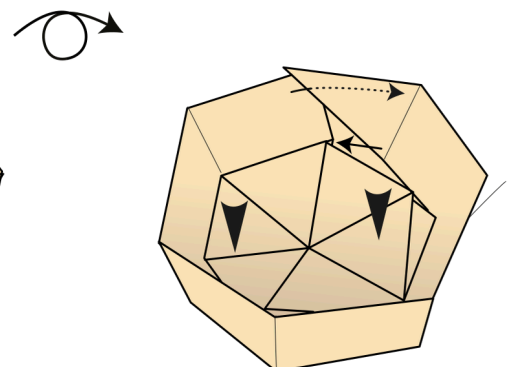
STEP 20: Turn the model over.



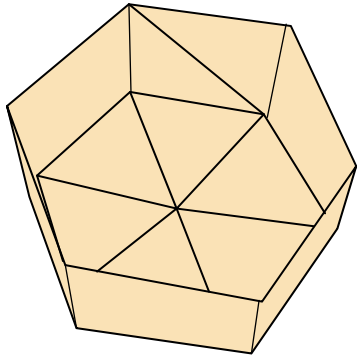
STEP 21: Swivel fold the dotted area inside the box.



STEP 22: Turn the model over again.



STEP 23: Tuck one side of the box under the other.



**The completed origami
hexagonal box!**

