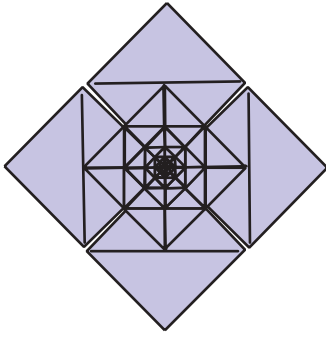
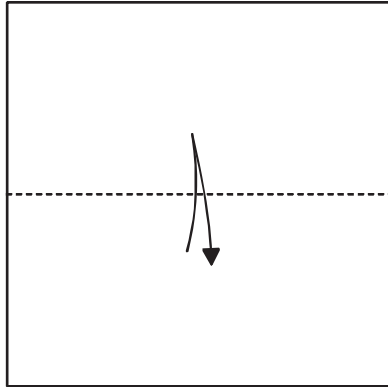


Andrea's Rose

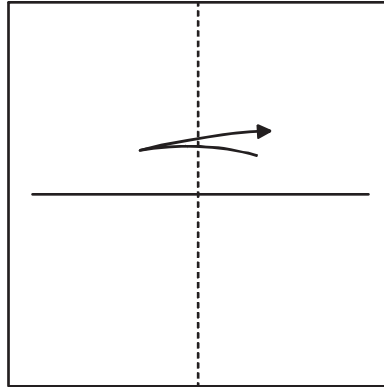
Model and diagrams by J.C. Nolan



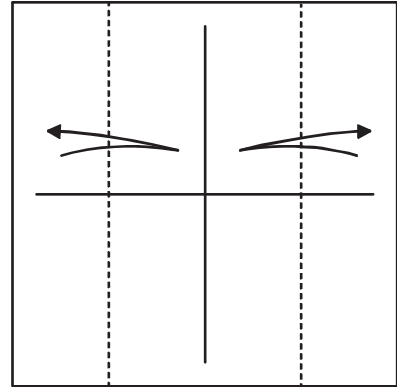
Sink folds are often a stumbling block for folders as they move into intermediate models. But they are actually not that difficult, once one learns to execute them correctly. Andrea's Rose was designed to teach the proper method for executing open sinks, and with the exception of creating the windmill base, the model is composed entirely of sinks. As you fold the model, the sinks will actually get easier as they get smaller, because practice makes perfect. The model can be folded from any type of paper, though foil is more difficult. A 10" piece of paper produces a 5" model.



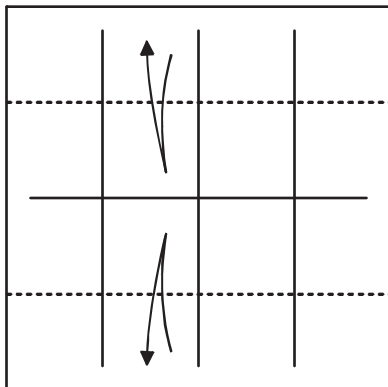
1. Fold and unfold.



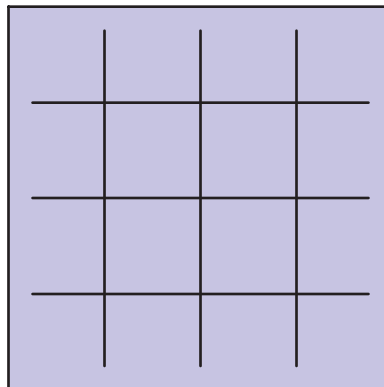
2. Fold and unfold.



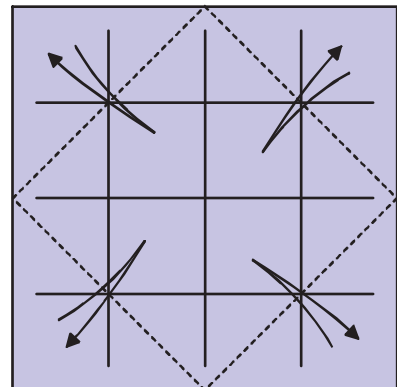
3. Fold and unfold.



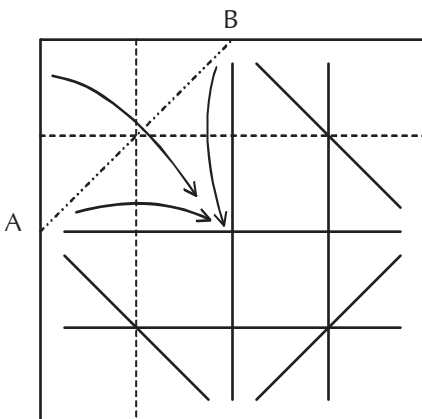
4. Fold and unfold, turn the paper over.



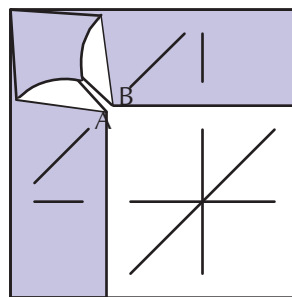
5. Like this.



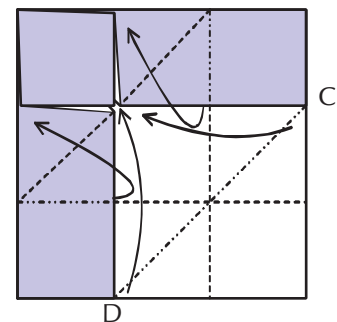
6. Fold and unfold all four corners. Turn the paper over.



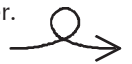
7. Following the existing creases, bring points A and B to the center.

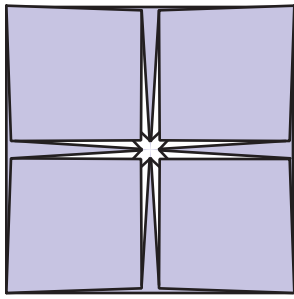


8. This is a mid-fold view.

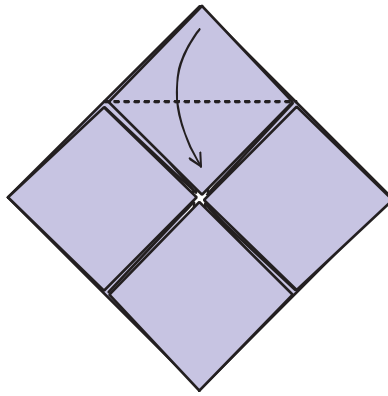


9. Repeat step 7 on C and D.

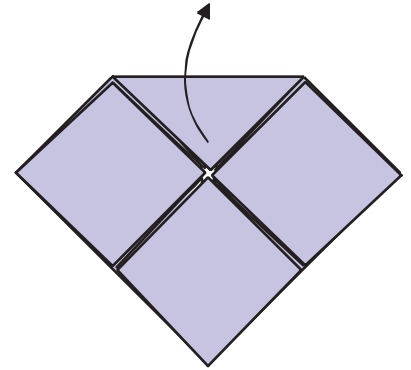




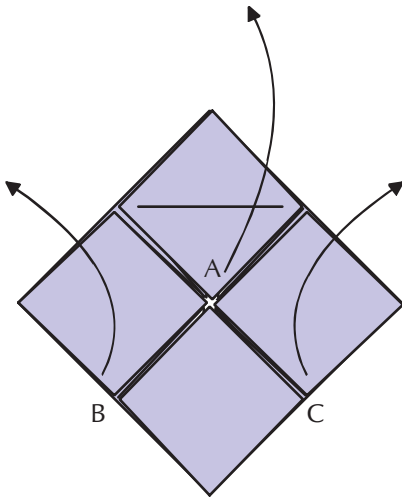
10. This is a completed Windmill base. Rotate the model 45 degrees.



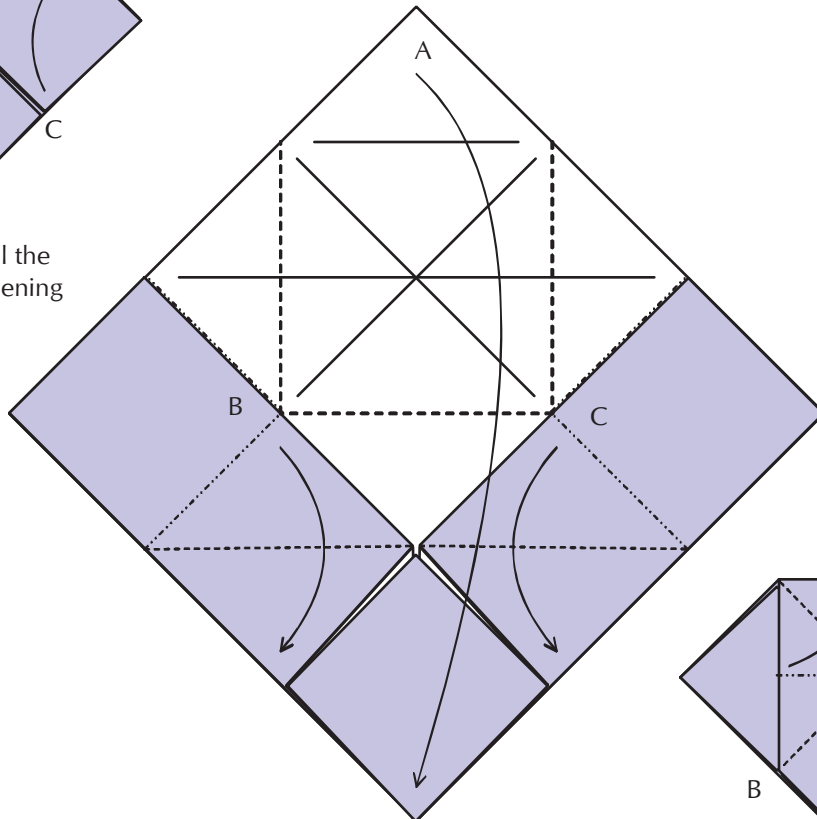
11. Steps 11-15 show the correct way of executing an open sink on the top corner. When you are comfortable with the sequence, steps 13-15 will be executed as one step without flattening the model. If the sequence confuses you, see the additional explanation in the "Techniques" section. Fold all layers to the center.



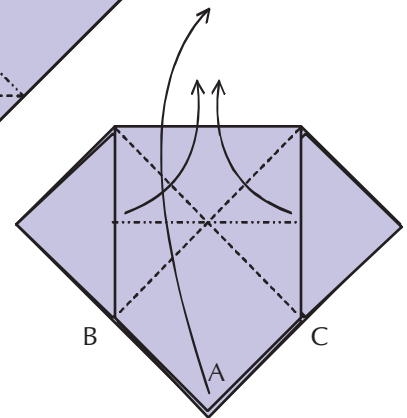
12. Fold the layers back up.



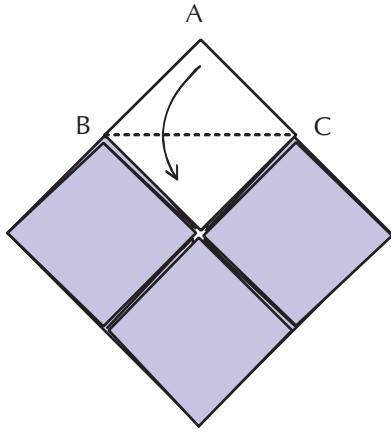
13. Pull flap A all the way upward, opening out B and C.



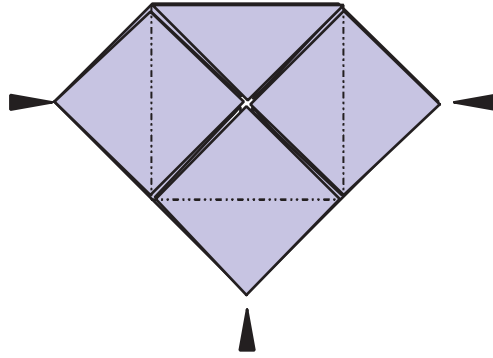
14. Fold back up on the previous creases, but turn the three lines of the completely opened flap (shown bolded), inside out.



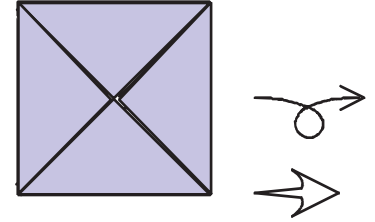
15. Complete the sink by folding point A back into place, pulling the side flaps inward as you go.



16. Fold the flap down.

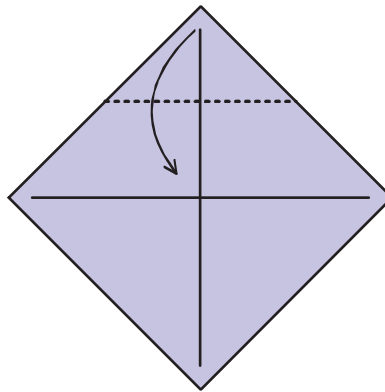


17. The first sink is completed. Repeat steps 11-16 on the three other flaps. The folds will become more complicated as you go because you will not be able to open the model completely.

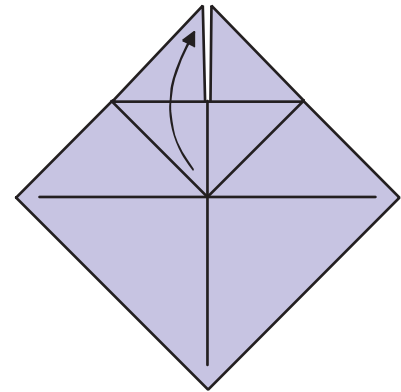


18. The first layer of sinks is completed. Turn the model over.

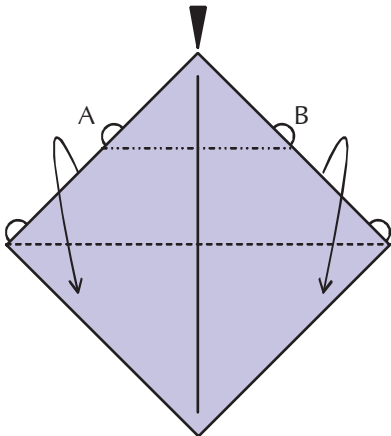
Note: Steps 19-22 show the correct way of executing an open sink on the top corner when there is no way of opening the model up. The method used is the spread-squash method of sinking. On complicated models, this is often the simplest way of executing sinks. When folding up the squashes as in step 22, keep in mind that the finished product should look like a sink.



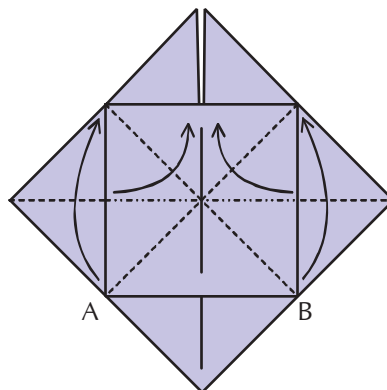
19. Fold a single thickness down.



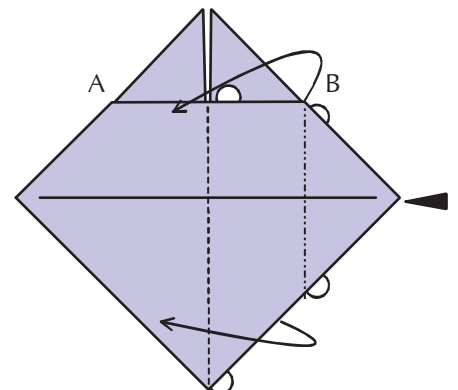
20. Fold the flap back up.



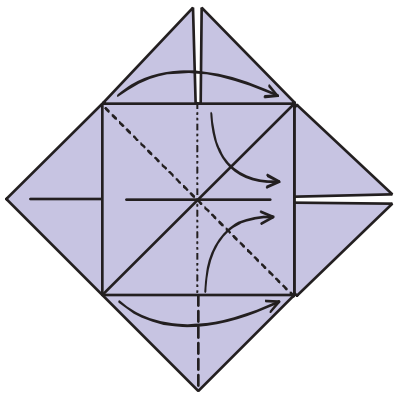
21. Note the location of the four anchor points. Place your index fingers on the upper points, under two layers of paper, and your thumbs on the lower points, under just one layer of paper. Pull the entire flap downward, across the middle line, pushing on the center of the point with your third thumb. This will cause the entire point to spread-squash into a square located directly over the center of the model.



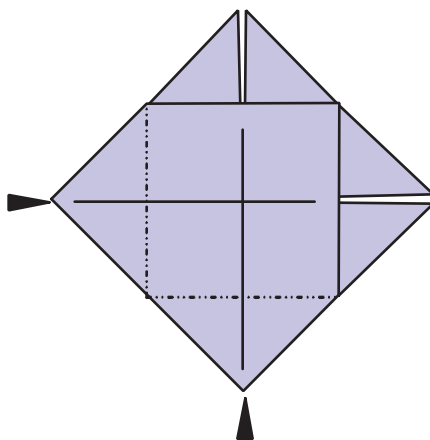
22. Notice that the square is located directly over the center of the model. This is very important! Fold the squashed paper back up on the existing creases, pulling one double layer from each side inward as you go, as in step 15.



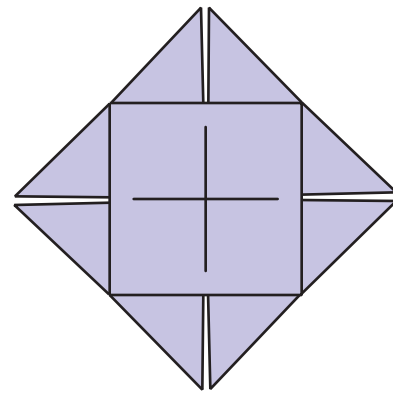
23. Execute the sink on the next flap. Note the placement of your fingers.



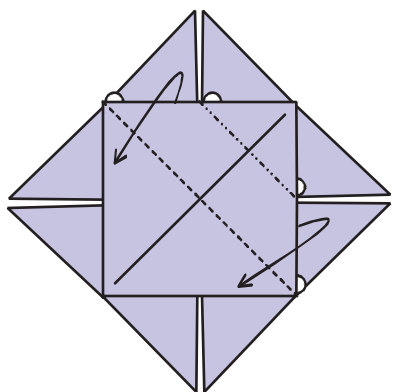
24. Remember when folding the sink back up, only bring in one layer from each side. It is as easy to grab two layers as one, and you can become lost easily if you aren't careful.



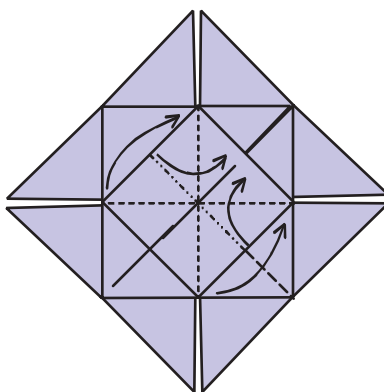
25. Repeat the sink on the two remaining corners.



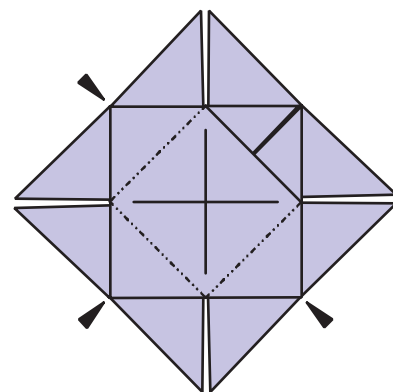
26. At this point the model should be symmetric in four directions, if it is not, then a mistake was made in folding up the sinks. If this is the case you must rearrange the flaps or the next level will not work. If all else fails, unfold the model and try again on the same piece of paper. It's always much easier the second time!



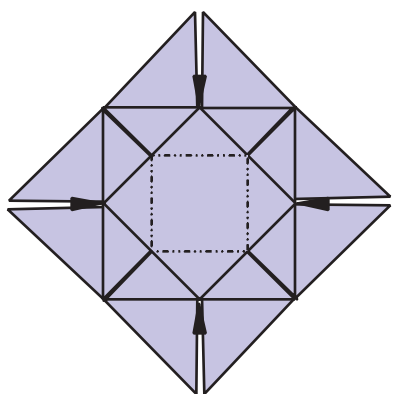
27. Continue sinking on the next level just as with steps 21-26.



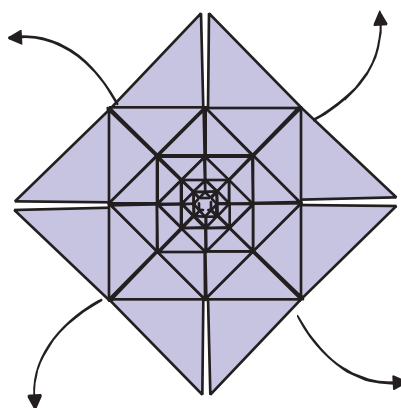
28. Note that the squashed square is always directly over the center of the model. Fold the squashed area up as before.



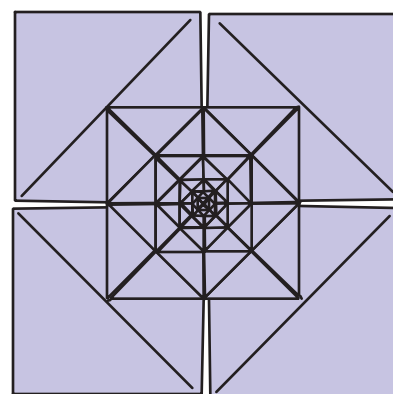
29. Complete the level by sinking the other 3 corners.



30. At this point three levels of sinks have been completed. Keep adding levels until your eyes explode, your paper shreds irrecoverably, or you feel satiated by the process. As a challenge, I try executing eight levels on an 8" piece of paper.



31. To complete the model, instead of sinking, valley fold the last set of flaps toward the center. Also pull out the flaps from behind.



32. Completed model.