I’ve designed this model for the CDO Convention Contest 2009.

Foil paper, at least 15 x 15 cm in size is recommended and will give a tricycle about 5 cm in length and 3 cm in height.

1. Mountain fold in half and unfold in both directions.
2. Pinch the diagonal only where shown.
3. Connect the shown points but only pinch the intersection with the previous pinch mark.
4. Valley fold the edges to the crease mark and unfold.
5. Valley fold the edges to the creases and unfold.
6. Precrease some mountain folds folding edge to crease.
7. Precrease some diagonal valley folds where shown.
8. Collapse using the shown creases.
9. The bottom part will not be shown for the next few steps.
10. Reverse fold three times along existing creases.

11. Reverse fold along angle bisectors. Repeat behind.

12. Open sinks along angle bisectors. Repeat behind.

13. Fold and unfold about one third of the tip. This will determine the size of the wheel.

14. Open sink the tip along the precrease. (Octagonal sink)

15. Repeat steps 13-14 behind.

16. Fold one small flap over.

17. Fold the flap in half and unfold.

18. Fold the edge over, swiveling some paper at the top.

19. Fold one flap over.

20. Fold the flap in half and unfold.

21. Spread squash the flap.

22. Fold back two big and one small flap to get the same layer distribution as in step 16.
23. Repeat steps 16-22 behind.

24. Fold the thick flap down. Repeat behind.
24. Closed sink the flap in half. Repeat on the other five flaps.

25. Fold the thick flap down. Repeat behind.

26. Open exactly in the middle (6 flaps on each side) and fold the flaps over.

27. Turn over.

28. Open the top in the middle and fold over, distributing the flaps equally.

29. Hide all the white triangles underneath the layer above.

30. Squash the flap, distributing the layers equally. Repeat on the left.

31. Turn over. Back to full view of the model.
32. Open out the two central pleats on each side to form the wheel between two existing crease marks. Switching to side view to show the result.
33. Fold the flap upwards over the wheel.

34. Fold the flap in half forming a rabbit ear.

35. Open the pleats to locate a precrease from step 7.

36. Form an Elias stretch along the precrease. Back to full view of the model.

37. Fold the handle bars out to the sides and position them.

38. Pinch the ends of the handle bars to lock them together and form handles.

39. Lift the flap up at a right angle.

40. Open out the sink and shape the wheel. Repeat on the other side.

41. Form the seat with a three-dimensional rabbit ear.

42. The finished Tricycle.