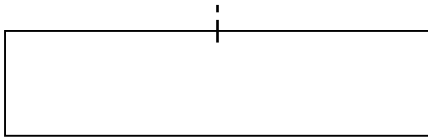
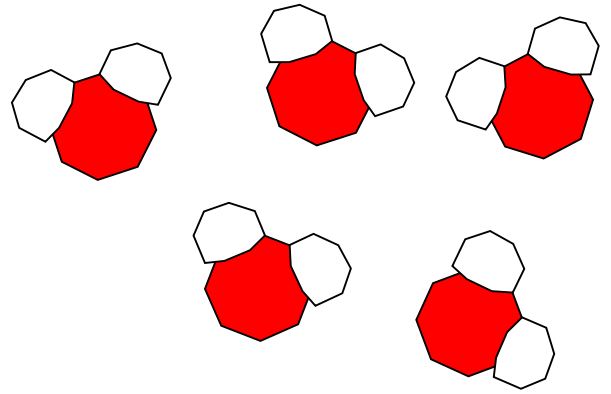


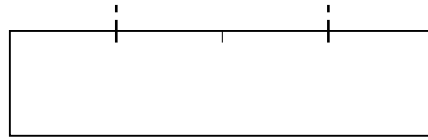
H₂O

Model & Diagram
Jens Kober, 2012

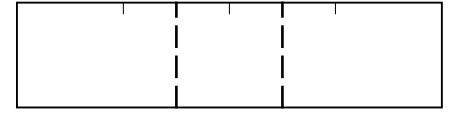
The height of the strip corresponds to the radius of the oxygen atom.
Usually hydrogen atoms are depicted white and oxygen atoms red.



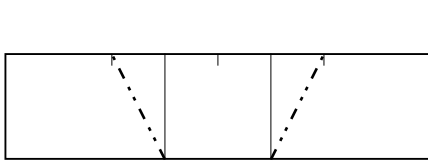
1. Start with a 1x4 strip of paper, color of the oxygen down. Mark the center.



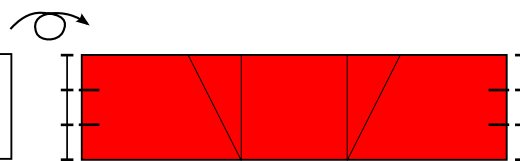
2. Mark 1/4 and 3/4.



3. Valley fold and unfold at 3/8 and 5/8.



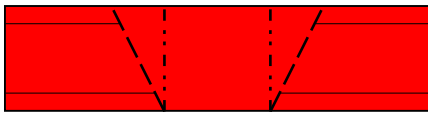
4. Mountain fold and unfold. Turn over.



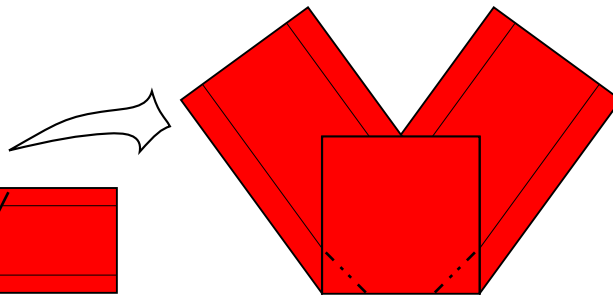
5. Mark thirds on both sides.



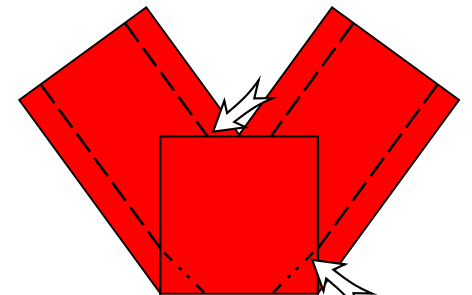
6. Valley fold and unfold at 1/6 and 5/6 on both sides up to the crease from step 4.



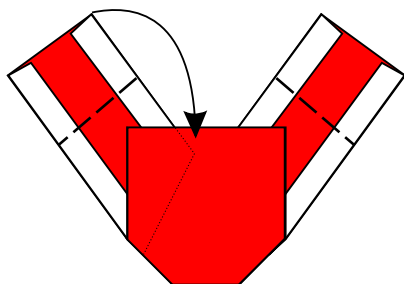
7. Redo the pleats. Enlarged view.



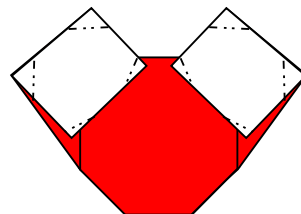
8. Fold and unfold the bottom edges of the oxygen behind. The top of the crease aligns with the crease on the layer below.



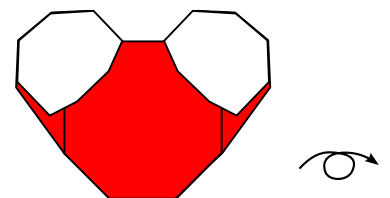
9. Refold the creases from step 6. You will have to swivel some paper. On the bottom fold the top layer on the crease from the previous step.



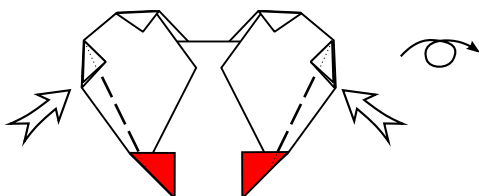
10. The remaining steps don't have precise references. Fold the two flaps down at a slight angle.



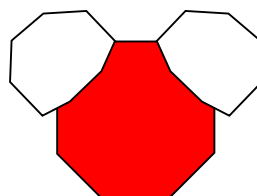
11. Round the hydrogens.



12. Turn over. The final steps hides the overhanging red paper on the sides.



13. Fold the top flaps over with some kind of swivel folds.



14. Done.