

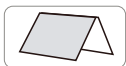


...Ruminations...

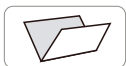
Inevitably, there comes a time for reflection.
A time to think about past projects and contemplate the future.
By turning the crank on this gently ruminating cow the cardboard engineer can quickly slip into contemplative mood and hopefully be inspired with a whole herd of new ideas.



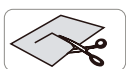
Assembly Instructions



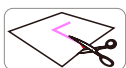
- Mountain fold
● Make a mountain fold.



- - - - - Valley fold
● Make a valley fold.



- Scissors line
● Cut along the line.



- Cut in line
● Make a cut.



- A1 Glue spot
● Glue parts with the same number together.

Tools and Materials



Scissors, set square, glue (such as woodwork glue), metal rod, spatula, a used pen, toothpicks, tweezers (useful for handling small parts).

Assembly Tip



Before gluing, crease the paper along mountain fold and valley fold lines and make sure rounded sections are nice and stiff.

Caution



This craft requires the use of glue, scissors, tweezers, and other tools which may be dangerous to young children. Please keep them out of reach of children while you work.

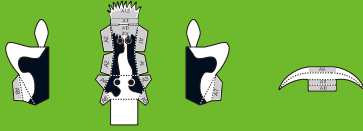
Handy Hints



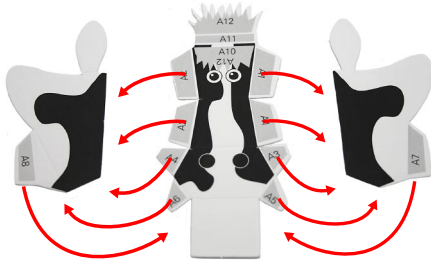
Trace along the folds with a used pen (no-ink) to get a sharp, easier fold.

- Before assembling: Each part has glue tabs and areas to attach the glue tabs to marked on both sides. Glue the front sides and back sides together firmly using spray adhesive. When doing so, take care not to attach the parts upside down. We recommend using thick matte photo paper for the front sides, and regular thin paper for the back sides.

Head



1. Glue together the three parts that make up the head following the numbers. A1-A8



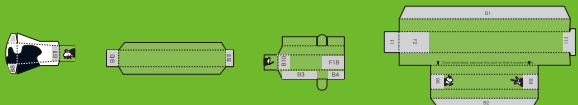
2. Fold up the horns as shown and glue down the flap. A9



3. Glue the horns into place lining up A10 and A11. Fold the fringe over the horns and glue it into place on the forehead. A12



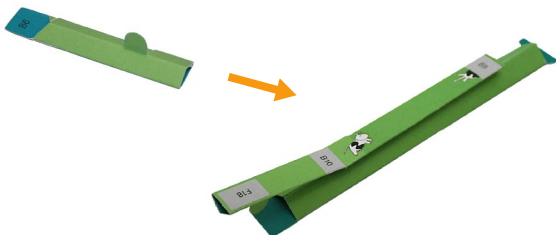
Neck and Cam Follower



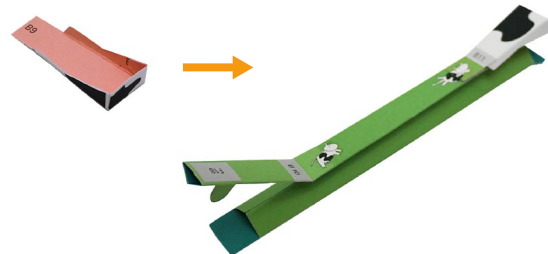
1. Assemble the neck support by gluing down the flaps B1 and B2. Once assembled, exercise the joint so that it moves freely.



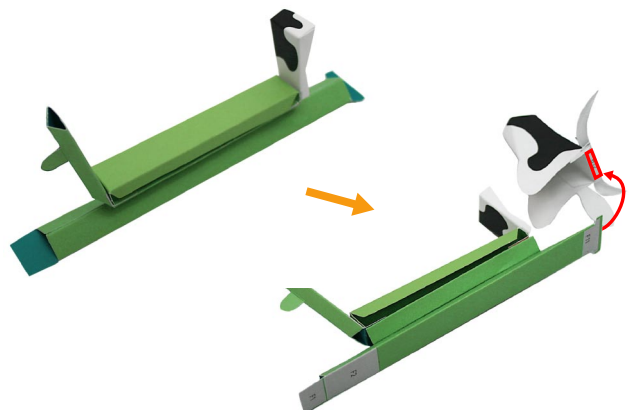
2. Glue together the cam follower, B3 - B5. Glue it into place on the neck support, B6 so that the two halves of the cow line up.



3. Assemble the lower jaw B7 - B8 and glue it into place B9 again lining up the two halves of the cow.

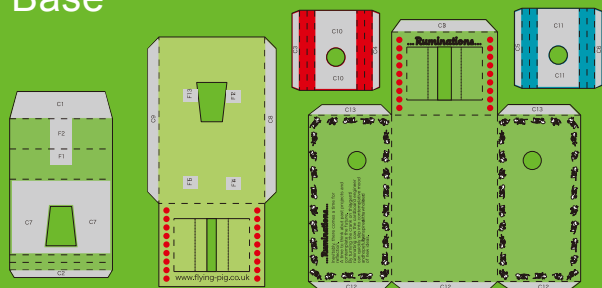


4. Glue the connecting rod into place, B10 - B11 and glue on the head. B12.



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Base



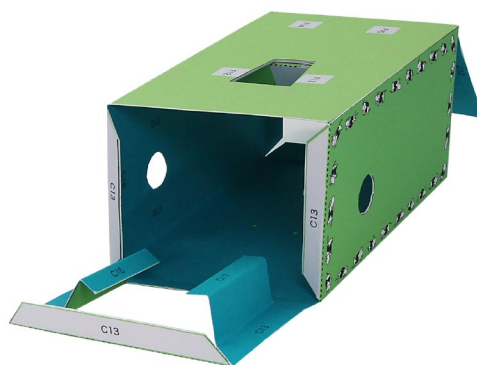
1. Glue together the three base stiffeners. C1-C6



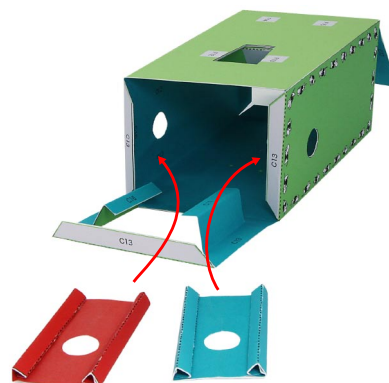
2. Glue the top stiffener into place. C7



3. Stick the base top and bottom together. C8-C9



4. Glue the side stiffeners into place inside the base. C10 C11



5. Finish the base assembly by gluing C12-C17.

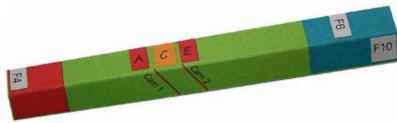


- Before assembling: Each part has glue tabs and areas to attach the glue tabs to marked on both sides. Glue the front sides and back sides together firmly using spray adhesive. When doing so, take care not to attach the parts upside down. We recommend using thick matte photo paper for the front sides, and regular thin paper for the back sides.

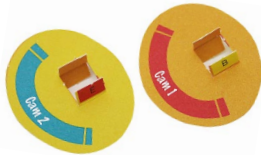
Cam Shaft



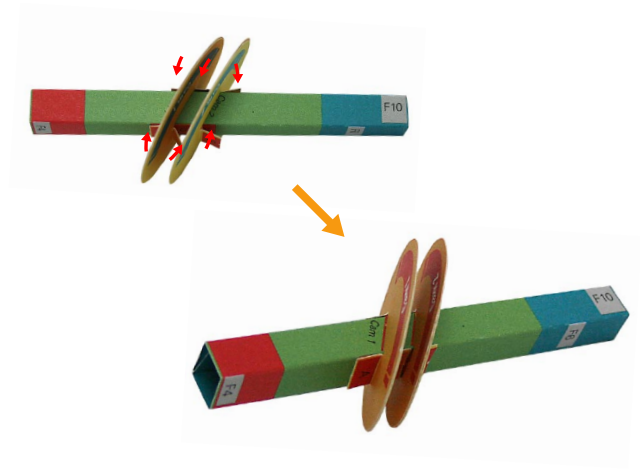
1. Glue together the cam shaft. D1



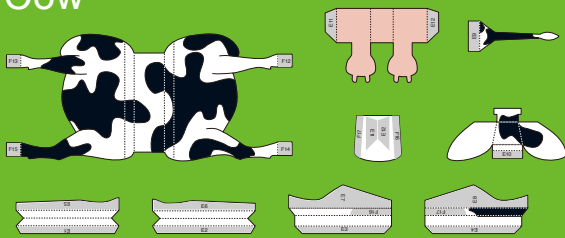
2. Fold out the three small flaps on each cam then fold over and glue together the cams. D2-D3



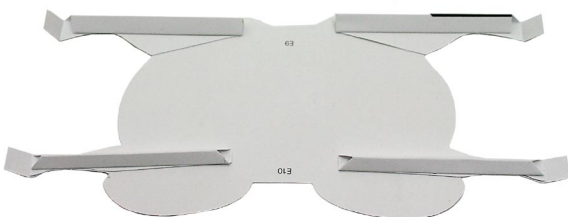
3. Once the cams have dried, carefully cut them out then glue them into place on the camshaft lining up the colours and letters on the flaps with those on the cam shaft.



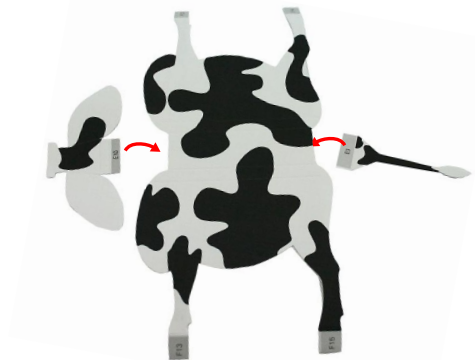
Cow



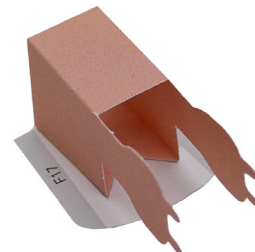
1. Assemble the four leg stiffeners and glue them into place on the inside of the legs. E1-E8



2. Glue the neck and tail into place. E9-E10



3. Glue the udders to the back, E11 - E12 and set them to one side.



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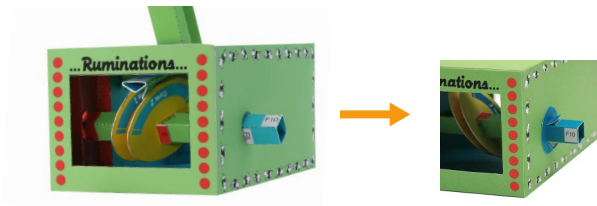
Final Assembly



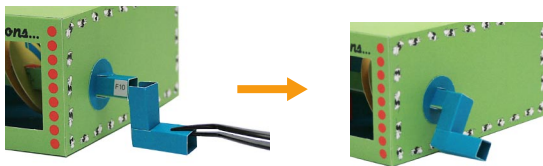
1. Glue the neck support into place in the base. F1-F2



2. Thread the cam shaft into place in the base matching the red end of the cam shaft with the red side stiffener. Glue on the washers. F3-F6



3. Assemble the crank handle and glue it into place. F7-F10



4. Glue the neck to the back of the head. F11



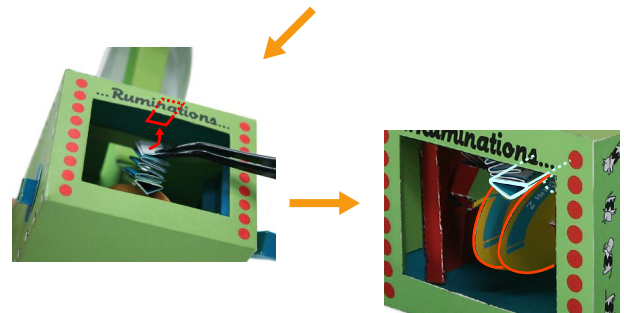
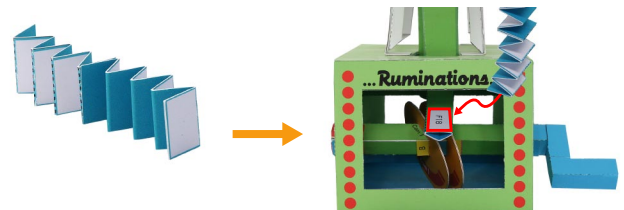
5. Glue the feet to the base. F12-F15



6. Glue the back and udders into place. F16-F17



7. Assemble the cam follower weight as shown and glue it to the end of the cam follower. F18



Finally, make sure that the tongue of the cam follower is seated between the two cam. Turn the crank and your completed cow will ruminate contentedly!