

About the Globe Puzzle

This is a 3D puzzle made from 12 pieces. The 12 identically shaped pieces are combined to make a globe (a 3D geometrical shape with 20 faces) that balances on its axis. Use the pattern to match the pieces together.

*Before you begin, read through the instructions first to understand what you are going to do.

Caution

Keep scissors and glue away from small children.
Be careful not to cut your fingers when using scissors.



Tools

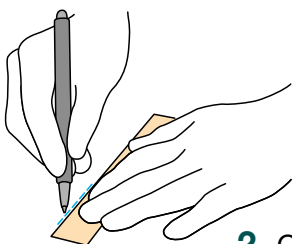
- Scissors
- Used pen(no ink)
- Ruler
- Glue(We recommend a strong adhesive such as wood glue.)
- Tweezers (convenient when adhering a piece too small for your fingers)

Notation Key

- Scissors line
- Cut in line
- Mountain fold
- Valley fold
- Indicator line to attach the parts.
(Attach by aligning the parts with the line)
- Cut out the gray part after folding it.

Scoring and Cutting

1. Score along all the mountain and valley fold lines.

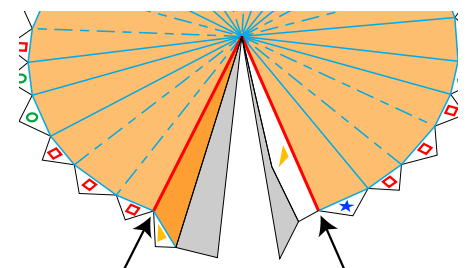


Place a ruler along the line and carefully score along it.
Practice first on some scrap paper.

- 2. Cut out the parts carefully.
- 3. Securely fold all the mountain and valley fold lines accordingly.

*Make sure that you follow all these procedures carefully since they will affect the outcome.

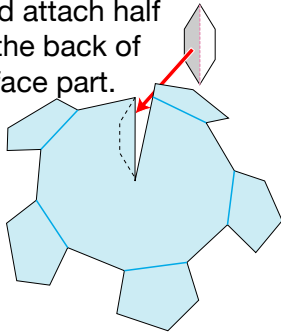
About the gray area of the inner parts



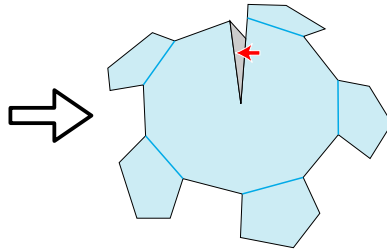
Fold these two parts first and then cut out the gray area.
(This has to be done because you won't be able to fold it well if the angles are too sharp.)

Assemble

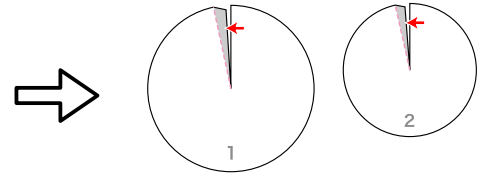
1. Add some glue to half of the joint and attach half of it to the back of the surface part.



2. Add some glue to the remaining half. Hold the glued parts firmly with your fingers to attach securely.



3. Add some glue to the stabilizing parts 1 and 2 and attach them.



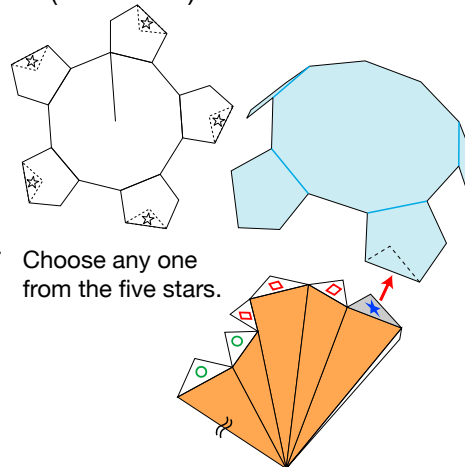
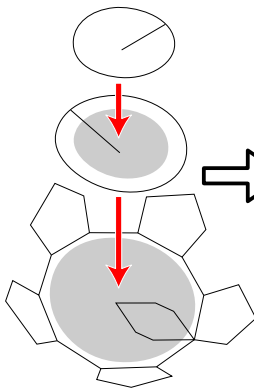
4. Attach stabilizing parts 1 and 2 in the middle (doesn't have to be exactly center) of the back of the surface part.

5. Attach the star glue tab (marked ★).

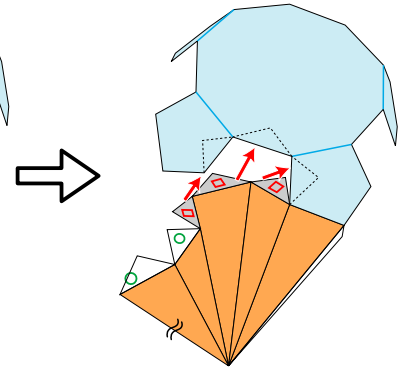
6. Add some glue to the three square (□) glue tabs that are next to each other, and attach them at the same time.

Handy Hints

Before gluing, place the stabilizing parts on the back of the surface part and trace around them with a pen. This will make them easier to attach.



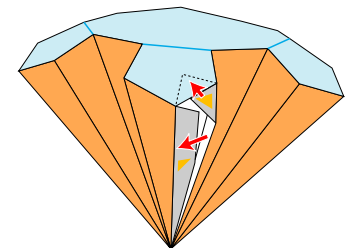
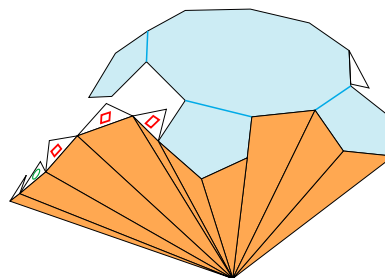
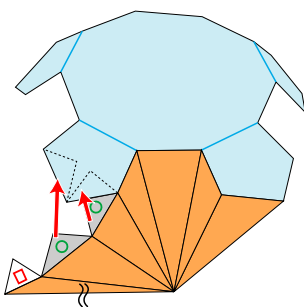
Choose any one from the five stars.



7. Add some glue to the two circle (○) glue tabs that are next to each other.

8. Following this method, attach all the glue tabs in the order of square first and circle second.

9. Add some glue to the two triangle (▲) glue tabs, attach them at the same time, and you're done.



Handy Hints

The final square glue tab is a little tricky. Be careful when you are working on it.

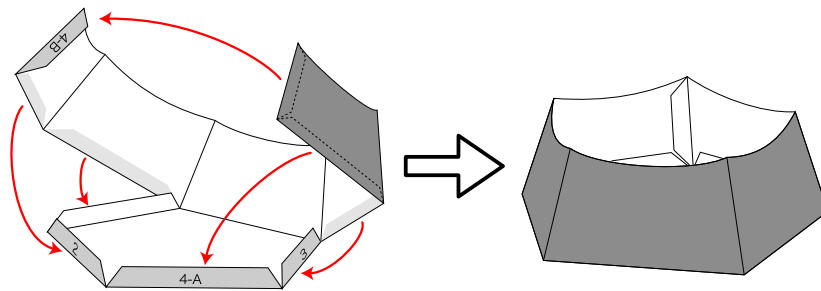
Pull out the glue tab areas with a sharp-pointed object to shape the model.

Hold down with tweezers.

Assemble all 12 pieces.

Assemble the Stand

1. Score along all the mountain fold lines.
2. Cut out the parts carefully.
3. Carefully fold all the mountain fold lines.
4. Attach the glue tabs in numerical order.
Lastly, attach 4-A and 4-B at the same time.



How to Enjoy

Put all the pieces together so that the pattern matches.
Place the globe on the stand and you're done!

