

Mineral Ball Instructions

1. Using the circle pattern cut out 20 circles from the pieces of colored paper. Do not cut on the dotted lines that make up the inner triangle!
2. Flip the circles over so that the printing is on the bottom. On 18 triangles write down a piece of information about your mineral. One fact per triangle. **You must write half of your facts with the point at the top of the triangle, and half with the point at the bottom so that all facts are right side up when you are done.** Do your best to see the dotted line of the triangle through the paper and print only INSIDE the triangle. You may use markers/crayons/colored pencils to decorate how you like; just make sure that your fact is legible.
3. Write your name inside one of the remaining triangles. Write your mineral name inside the other. When you are done, you should have 10 things printed with the point at the top of the triangle, and 10 with the point at the bottom.
4. Begin assembly of the mineral ball by folding up the curved sides extending beyond the triangle on all 20 of the circles. You should fold away from the fact that you wrote. **(Figure 1)**
5. Select 5 of the triangles and place them in a circle with the top points toward the center, like pieces of a sliced pie. Your written facts should be right side up. **(Figure 2)**
6. Before you glue anything, raise your hand and Mr. Stock will come around and punch a hole in the top of one of your triangles.
7. Glue the curved, upright edges at the creases. Once glued it should resemble a hat. This is the top of the ball.
8. Repeat steps 5 and 7 (you do not need another hole punched) to make the bottom of the ball. The point of the triangle should be on the bottom of the ball for these facts.
9. To make the center of the ball, take the remaining 10 triangles and place them in a straight row, with alternating points up and down. Again, make sure your written facts are right side up. Glue at the creases. **(Figure 3)**
10. Bring the ends of the row of triangles together and glue the two end creases together to form a ring of ten triangles.
11. Set the ring up on a table and place the top (the one with the hole punched in it) on the ring matching the curved tabs. Glue at the creases. This can be tricky, so make sure you glue it well and allow time for the glue to dry.
12. After the top has had some time to dry, turn the assembly over and attach the bottom in a similar fashion.