

Flower Ball Visual Arts Project

Class 10350



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GOALS:

- To learn how to drill holes into a golf ball, then add screws.
- To learn how to make a Flower ball using a golf ball and screws.
- To find a project where I can use spray paint on an outdoor décor.
- To find a craft where I can use Mom's old solar light rod that no longer works.
- To do a craft that can become décor for outside in one of Mom's flower bed area.

MATERIALS NEEDED:

QUANTITY	ITEM	COST
1	Rod	HAD AT HOME
1	Hot Glue Gun	HAD AT HOME
1	Hot Glue Sticks	HAD AT HOME
1	Satin Blue Spray Paint	\$2.56
1	Wire	HAD AT HOME
1	Drill	HAD AT HOME
1	Gorilla Glue	HAD AT HOME
1	Drill Bit 1/8"	HAD AT HOME
1	Screws #6 x 1 ¼" 125 count	2.47
1	Golf Ball	\$2.60
1	Wire Cutters	HAD AT HOME
1	Needle nose pliers	HAD AT HOME
1	Drill Bit 8mm	HAD AT HOME
1	Screw drill bit	HAD AT HOME
1	Dremel	HAD AT HOME
OVERALL TOTAL COST		\$7.63

INSTRUCTIONS:

- 1. When Mom and I were going around to people's houses, selling Girl Scout cookies, we would find different lawn ornaments. I found some really neat screw lawn ornament that I wanted to try! I decided that would be neat to try so I started doing some research of what I needed to do to make this.**



- 2. Mom and I went around to find different things that we can make this Flower Ball. She helped me search on how to make this. After I researched, Mom decided to try one for herself. She says if she messes up, then it is on her, but she wanted to make sure that we have all that we need to make this project of mine.**
- 3. Mom had a couple different rods that she had from previous solar lawn ornaments that no longer was working. I chose the rod that I can easily stick into the ground and had a nice design to it compared to one that just had leaves to the rod. I liked the bee rod the best as it was decorative!**

4. Most of the supplies we already had at home. Mom had her drill and different size drill bits, screw bit, hot glue gun with hot glue, and a few other things. I just needed the screws, spray paint and golf ball to finish making this craft.



5. Mom and I went to Menards to look around at screws and spray paint. Mom made something from a darker blue that I originally picked out but it turned out lighter than what it originally had showed so I picked out another type of spray paint. The screws we looked around and found a size that would make the flower petals.
6. Mom had cut around the inside of the bee as it had an area to hold a $\frac{1}{2}$ ball. Mom didn't think that the golf ball would fit on here very well so she cut that off. She said that area was rusting so it is best to just finish cutting the area and having an area to make the ball stick on it better. Part of the area was broken and she told me that it might not fit very well onto the ball, but we can try and see. I really wanted the rod that has this cool design to it. It just looked better overall.

7. Part of the rod was sharp so Mom had me smooth it down using her sanding Dremel tool. I knew how important it is to use safety goggles when one works with any type of power tool.



8. Using my safety goggles, I first made a hole using the drill and the 8 mm drill bit into the center of the golf ball so I can make sure that the rod stays in place. I kept the rod in there so I would not have any problems when I was screwing the screws in place.



9. The golf ball didn't want to stay on the short part of the stand as it wasn't tall enough to have the ball fit perfectly on the stand. Mom had gorilla glue and decided to try and use it on the golf ball and the rod. She said Gorilla Glue works well with other things, especially with her wood!



10. I waited and for this to dry, but the glue didn't hold very well. The rod stub was too short. Mom said to just hold it in place as if it was glued in place and we will figure out how to take care of this later. She said that we might need to wire it in place when we finish.
11. I would use a 1/8 mm drill bit to drill holes into the golf ball, for a starter, then I would use another drill that held a screw bit to screw in the screws. I had to make sure that I didn't put them in too far; if I did, they wouldn't fit in properly all the way around. The golf ball with the screws would be uneven.



12. Mom was laughing at me several times. I was having so much fun using her drill and drilling holes into the golf ball, that I had to drill more holes into an empty golf ball. I was trying to see how many holes I could put in there. I never counted. I would play around with this when my Mom was helping me. I have hand problems and they become painful very easily so I would ask Mom to help some. I had to rest. She understood, and took over, but had me do most of the drilling and screwing.
13. I eyed the screws and golf ball to make the flower—I made sure that I had them spaced far enough for the screws to fit. There were times in which I had problems as they would collide with one another inside the golf ball. I would back out and then reposition and screw in again. I had to figure out which areas would be collide and which ones wouldn't, depending upon the location.
14. The area that became a challenge was near the bottom around the outer shell of the bee. I had to make sure that I could get the screw around the rod. I made sure that The screws would help hold the rod in place. When I was $\frac{1}{2}$ way to $\frac{3}{4}$ way through, it was a lot easier to drill and screw as I didn't have to deal with the rod as much. There were times in which I had to remove the golf ball from the rod so I could get to the ball easier, but I had problems with finding where I had to place the golf ball back so it will hold the inner part of the circle.
15. I was finally done with the drilling and instilling the screws into the ball.



16. Mom told me to try seeing if Wood Glue would work in the main hole for the rod. I tried that but it didn't work. She then told me to apply the wire. We would wrap around part of the screw, then going around the rod to the other side and wrap around another screw. We would continue doing that. Both her and I had problems starting and finishing the wire as it was easier said than done. She had a good idea, but together both of us made it work.



17. I was EXCITED to spray the flower ball with the bee design! I couldn't wait to see how cool it would look spray painted! I was extra excited over this as I haven't used spray paint before. Mom had a place set up for me outside for me to do that. She set a few different layers of cardboard down so I wouldn't spray paint the driveway like she did for one of her projects. I couldn't get over how fast spray painting was compared to painting on canvas—it is very quick and easy.



**18. I had to make sure that I got both sides evenly, along with the outer edges.
I noticed that the golf ball was still a little light.**



19. Mom said that first coat was a little light and for me to do another 2 to 3 coats. I was excited when it was FINALLY DRY!!



20. I was excited to FINALLY get done with this project! I am very happy with the way that this turned out! When the paint was dry, I looked at Mom's flower bed and found an area that was perfect for this to be placed and be shown off! I was read that over time if any of the paint has chipped off, I can re-spray that area. I realize that some people may have painted the rod green to represent a stem, but I chose to have the same color. I am pleased with how this project turned out—it was one of my favorite fun projects that I had done!



WHAT DID I LEARN:

- **I learned that making this is fun and easy, but very time consuming. I didn't realize how many screws that it takes to make this type of design!**
- **I learned that there are different size of drill bits and one has to find the right size to make sure that the rod can easily pass through inside the golf ball and then the holes for the screws are not too big or too small so they can easily stay.**
- **I learned that even the rod was decorative, the area that would hold the golf ball was broken and the golf ball didn't want to sit there well. If I had chosen another rod, I wouldn't have had that problem. I also learned that I still could make it work by using wire and twist it around the screws for it to hold.**
- **I learned how to use the drill and the appropriate drill bit prior to placing in the screw and rod.**
- **I learned that you have to make room for the rod and screw by not putting the screws in too far. If I do, then the other screws won't go in.**
- **I learned that one does not always need to use paint on an object, but can use spray paint. One needs to have a darker color on a white ball and it takes 2 to 3 coats of paint.**
- **I was able to use Mom's old rod from an old garden light and put my golf ball in it.**
- **I learned that the golf ball was not hard to drill holes in.**

ELEMENTS & PRINCIPLES OF DESIGN:

1) COLOR

- a. The overall color is a Satin Blue that makes it a darker color to help accentuate the Golf ball flower.
- b. The screws were silver and were painted over, along with the rod was originally black and painted to the Satin Blue color so they would all match, to become uniform.
- c. Certain areas might be a lighter blue from the spray paint or the way that the light hits the screws.
- d. The design for the outside of the flower, bee, is a blue color, along with the beads inside the wings.

2) LINE

- a. This has many lines. The Flower Ball uses screws into the golf ball, in which makes up several lines to represent the petals.
- b. Another line will be the rod that acts like the stem of the Flower Ball and goes into the ground.
- c. Each screw has a cross for the screwdriver.
- d. The spiral to hold the bulbs in have lines.
- e. The outline of the bee that includes the wings, belly, antennae, face, stinger and spirals all have many lines going through.

3) TEXTURE

- a. The texture is smooth from the paint, however, there might be areas in which some of the paint was a little heavy. This might be smoother or a little rough, depending upon how it had dried.
- b. The screws are smooth, but then can become rough if you run your fingers over the head or down in the body of the screw that goes into the golf ball.
- c. The golf ball itself is very smooth.
- d. The bee rod is completely smooth and one can see the bulbs that are in each spiral.
- e. Depending upon where you touch on the rod, there might be a rough or sharp area—this would only be if the end was not sanded

down by the manufacturer. When I touch it, there is no sharpness even though it may look like it on the pictures.

4) UNITY

- a. The Flower ball comes together as it is shaped like the flower.**
- b. Choosing the rod that I had done, the Flower ball added to the design with the bee on the outside. The design improves the bee and makes it look better.**