Create a Witch hat napkin

In this tutorial we will present how to create a Wizards hat. This can be used in Napkins for outsides parties you can have them flying away.

First of all we need to hoop black fabric preferably with dissolvable stabilizer underneath or a freeze bag that you can easily tear off afterwards.

1. We need a circle for the base of the hat. From the available tools we will select **Create ellipse** tool.

2. We will make a large ellipse to almost fill the whole hoop.
3. **Notice:** we want the ellipse to be a perfect circle, so we must hold **Ctrl** while creating the ellipse.

4. We must select the ellipse in order to make sure that it is a perfect ellipse. Select the ellipse and make sure that the width and height dimensions are equal. If they are not you can alter them.

5. Now select the created ellipse, from **Object properties** – **Outline** tab
6. I want to set **outline stitches** to **satin serial**

7. I also want to set **Outline width** 2.0mm
8. I will also select outline color yellow, it won’t be yellow just to have a better view.

9. Now we want to add some stars using insert star shape.

10. Click and drag to define size and position.

11. For the added star, I want to make sure that **Outline stitches** are set to **none** and the **Fill type** is Satin. I will also select a color for the star.

12. We also want to add a moon symbol. I must go to **Tools -> Insert Symbol**.
13. **Insert symbol** Tool – Select **Webdings** set of symbols. Navigate almost to the end of the set and you can select a moon symbol.
14. Click and drag to specify size and direction

15. Select an outline color, for example Blue and remove fill stitches.

16. Now we must select all objects. The initial ellipse, the Star and the moon and from **object properties** Apply **Array** fill. The program automatically fills the ellipse with the star and the moon in a patterned way.

17. We can change the distance between the copies or change the fill pattern but for the purposes of this demonstration we do not need to do anything.

18. We will now copy both the Star and the moon and we will paste them into a new design.

19. Create a new design, Select a different fabric color and create a blank design. **Paste** copied items.

20. We will create the same design again but we will use a pie shape in order to make the top of the hat.

21. We will edit the pie shape in order to make it more suitable for the upper part of the hat.
22. Now we will select all object and we will apply **Array** on the outline.

23. We will use **Separate to objects** option that is available for the created array.
24. We will move the array objects and the ungroup them in order to able to handle them individually.

25. Now we will move any individual items on top of the created pie and then clear any unneeded items from the design that we don't want to be produced.

26. We will also set the fill of the pie to none fill.
27. Set an outline color for the pie in order to have running stitches and clear unneeded objects.
28. I will embroider this part into a stabilizer material in order to keep this backing material together.
29. After sewing this part I must cut the unneeded fabric around and then stick the 2 edges of the pie or sew them together by hand. This way we will form a cone for the upper part of the hat.
30. In the same way I will clear unneeded parts from the initial design that will be the base of the hat and I will stick the cone part on top of that. Just like that I have created a witch hat.