



Yin & Yang Zigzag - Code'n'Stitch

Tutorial Embroidery - **Medium**

1

CARDS

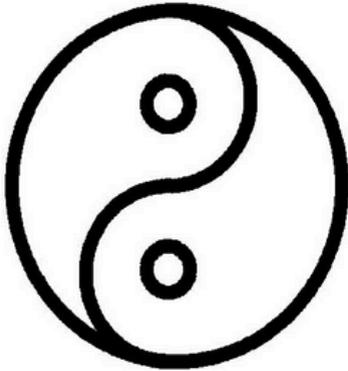
This is the correct sequence of the cards for this tutorial:

Big Circle

Middle Curve

Little Circle Top

Little Circle Bottom



78,4 x 78,4 mm



In this tutorial, you will learn how to embroider Yin and Yang with the zigzag stitch.

You should already know what a loop is and how it works.

The '**Circle**'-tutorial may be helpful for this tutorial.

Take a look at the embroidery tutorials in the Beginner series if you haven't embroidered anything yet.

For more information or design suggestions check out the other tutorials.



Big Circle

2

First we make a script for the big circle.

1

Create a new Embroidery-Object
(see '**Create Embroidery-Objects**'):



big circle + curve

Always name your objects so that you still know what they do later. This represents the outer circle and the middle line of our figure.

2

Insert following script:

```
When scene starts
Start zigzag stitch with length 2
and width 10
Repeat 120 times
Move 10 steps
Turn left 360 : 120 degrees
End of loop
```



Middle Curve

3

Next, we create the curve in the middle.

1

Add this part to your script from page 2 as well:

```
Point in direction 270 degrees
Repeat 30 times
  Move 10 steps
  Turn right 180:30 degrees
End of loop
Repeat 30 times
  Move 10 steps
  Turn left 180:30 degrees
End of loop
```



Little Circle Top

4

Next, we create the small circle at the top.

1

Create a new Embroidery-Object and insert the following script:

The image shows a script editor interface for a project named "little circle top". The script is composed of several blocks:

- When scene starts** (orange block)
- Place at** (blue block) with parameters: x: 0 y: 255
- Start zigzag stitch with length 2 and width 10** (purple block)
- Repeat 16 times** (orange block)
- Move 10 steps** (blue block)
- Turn left 360 : 16 degrees** (blue block)
- End of loop** (orange block)

A yellow bracket on the left side of the script blocks indicates a loop structure, encompassing the "Repeat" block and the two "Move" and "Turn left" blocks.



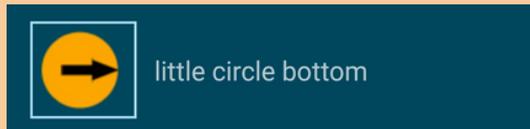
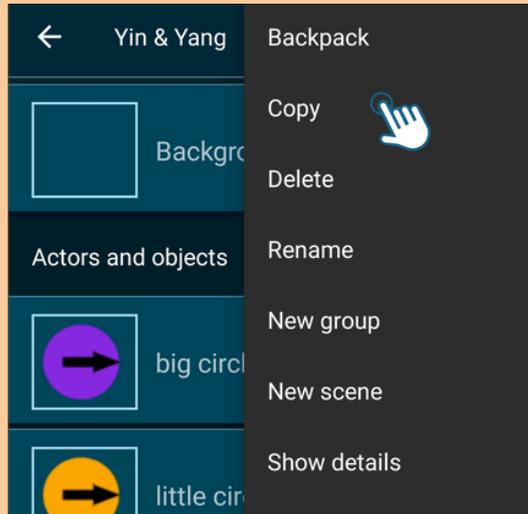
Little Circle Bottom

5

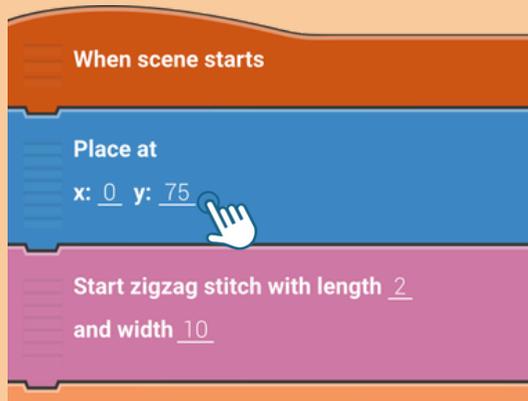
Now only the second small circle is missing.

1

To do this, you can simply copy the object from page 4 and change its position:



You now need to change the position so that the circle is stitched in the right place.



2

Tap play to start your design!