



Rainbow - Code'n'Stitch

Tutorial Embroidery - Medium

1

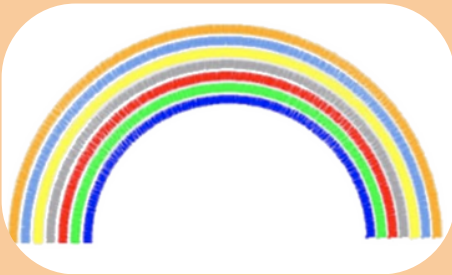
CARDS

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

Smallest Arch

Copy Object

Adapt Object



112 x 57,2 mm



In this tutorial, you will learn how to embroider a rainbow.

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

The '**Semicircle**'-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.



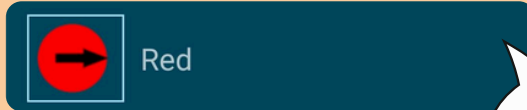
Smallest Arch

2

We start with the smallest arch on the inside.

1

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



This object
represents the
innermost arch.

2

Insert following script:

When scene starts

Place at
x: 100 y: 300

Start zigzag stitch with length 2
and width 10

Point in direction 0 degrees

Repeat 60 times

Turn left 180:60 degrees

Move 10 steps

End of loop



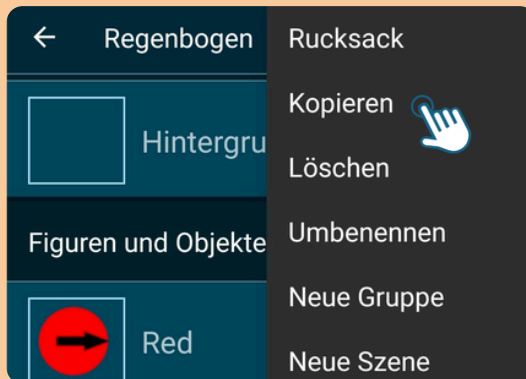
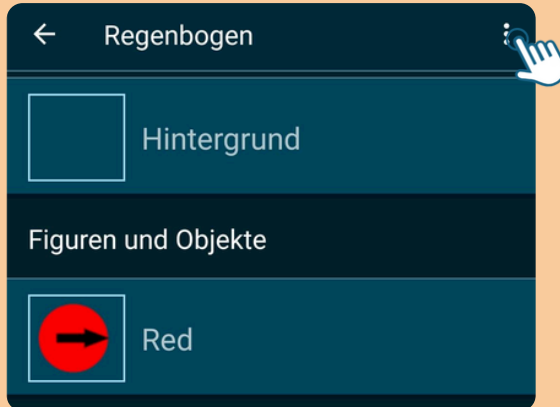
Copy Object

3

1

For the next larger arch, you can simply copy the object you have just created.

Click on the three dots in the top right-hand corner of the object overview. Then go to “Copy” and select the object.



If you use a separate object for each arch, you can later embroider them in different colors.



Adapt Object

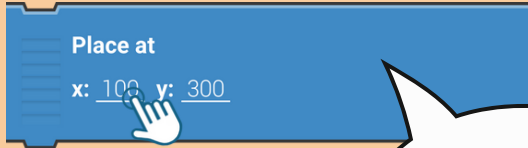
4

Now we need to adjust a few settings.

1

To ensure that the arches are now different sizes, we need to change a few values.

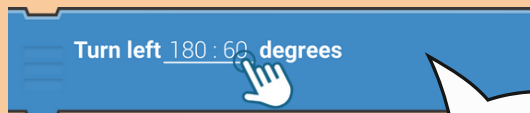
To do this, go to the script of the copied object and adjust the following values:



The next arch is a little bigger and starts further to the right. For the next arches you could use the following x-values:
x-values:
115, 130, 145, 160, 175, 190



Larger arches need more stitches, so the number of repetitions will change. Try the following repetitions:
65, 70, 75, 80, 85, 90



Here you must always divide by the **number of loop passes**. see semicircle tutorial

2

Repeat pages 3 and 4 for more arches and then tap play to start your design!