


# Doughnut Spinner

ACTIVITY | ARTS AND CRAFT

 60 minutes

**Create a Doughnut where both inner and outer parts spin, and explore the random combinations that arise**



## What you'll need

- A cardboard box
- 4 sheets of A4 paper
- A pencil
- A black marker pen
- A ruler
- Glue
- Scissors
- Sticky tack
- A compass
- Colouring in things



**1.** Glue one side of the box



**2.** Stick two A4 sheets on the box (overlapping by about 8 cm)



**3.** Glue the other side of the box



**4.** Stick one A4 sheet on that side



**5.** Glue a third side of the box



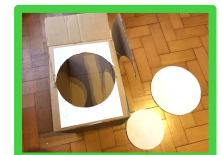
**6.** Stick one A4 sheet on that side



**7.** Draw a circle on the large side that is the length of the A4 sheets (c.30cm)



**8.** Cut out the circle



**9.** Repeat for one of the single A4 sides, to the width of the A4 sheet (c.21cm)



**10.** Repeat for the other side, making the circle around 12cm



**11.** Cut an additional piece out to make the pointer



**12.** Glue little squares of cardboard to the back of the pointer



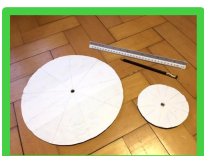
**13.** This is what the three circles and pointer should look like



**14.** Using the pencil, poke a hole through the middle of each circle



**15.** Enlarge the holes in the small and large circles so they can spin around the pencil



**16.** Using the ruler and pencil draw 9 equal segments on the large circle and 12 equal segments on the small circle



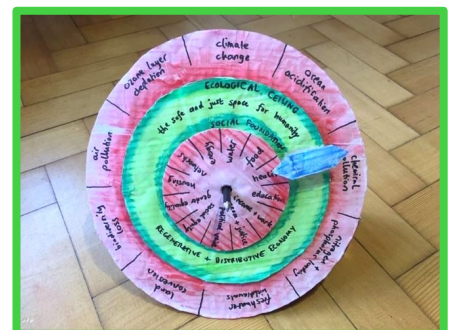
**17.** Colour in each of the circle and write the labels of the Doughnut using the black marker pen



**18.** Glue the pointer onto the middle circle




**19.** To start the assembly, put the pencil through the middle circle with sticky tack so that it fixes in place



**20.** Add the small and large circles to the front and back to complete your spinner

# A3 colour printed version

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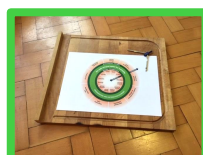
 20 minutes

**If you have access to an A3 colour printer, here's how to make the spinner look like the real global Doughnut**

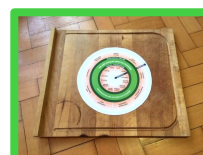


## What you'll need

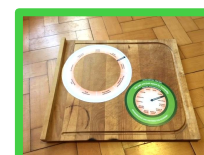
- The three cardboard circles from side 1
- A3 print out of the Doughnut ([available in 23+ languages](#))
- A compass
- A craft knife (or similar)
- A board to cut on
- Glue or sticky tack



**1.** Using the compass draw a circle round the outside of the Doughnut



**2.** Using the craft knife (or similar), and taking special care, cut out the Doughnut



**3.** Then cut out around the outside of the Ecological Ceiling



**4.** The cut out around the inside of the Social Foundation



**5.** Stick the cut-outs to the cardboard circles (see steps 7-10 from side 1) and trim the cardboard to match the size of the Doughnut rings



**6.** Create a pointer (see step 12 on side 1)



**7.** To start the assembly, put the pencil through the middle circle with sticky tack so that it fixes in place



**8.** Add the small (inner social) circle and large (outer ecological) circle to the front and back to complete your spinner

## Where to take it next

Once you have created your spinner, spin both social and ecological circles to see what combinations arise. With each combination, see what ways you can come up with that connect the two.

Have a look at the activity [Joining the Doughnut Dots](#) (pages 5 and 6) for some ideas relating to food ([activity homepage here](#)).