



WORKSHOP 9

miXiNg mAGic!

Today we'll make an AN ARTISTS TOOL – for doing some *science of art*, believe it or not! It's a nice piece in itself, and will also help you to unlock the secrets of colour. Looks fancy, but is very easy... :)



YOU'LL NEED ONLY:

something you can draw a circle with

a sheet of PAPER and CARDBOARD

RULER

PEN

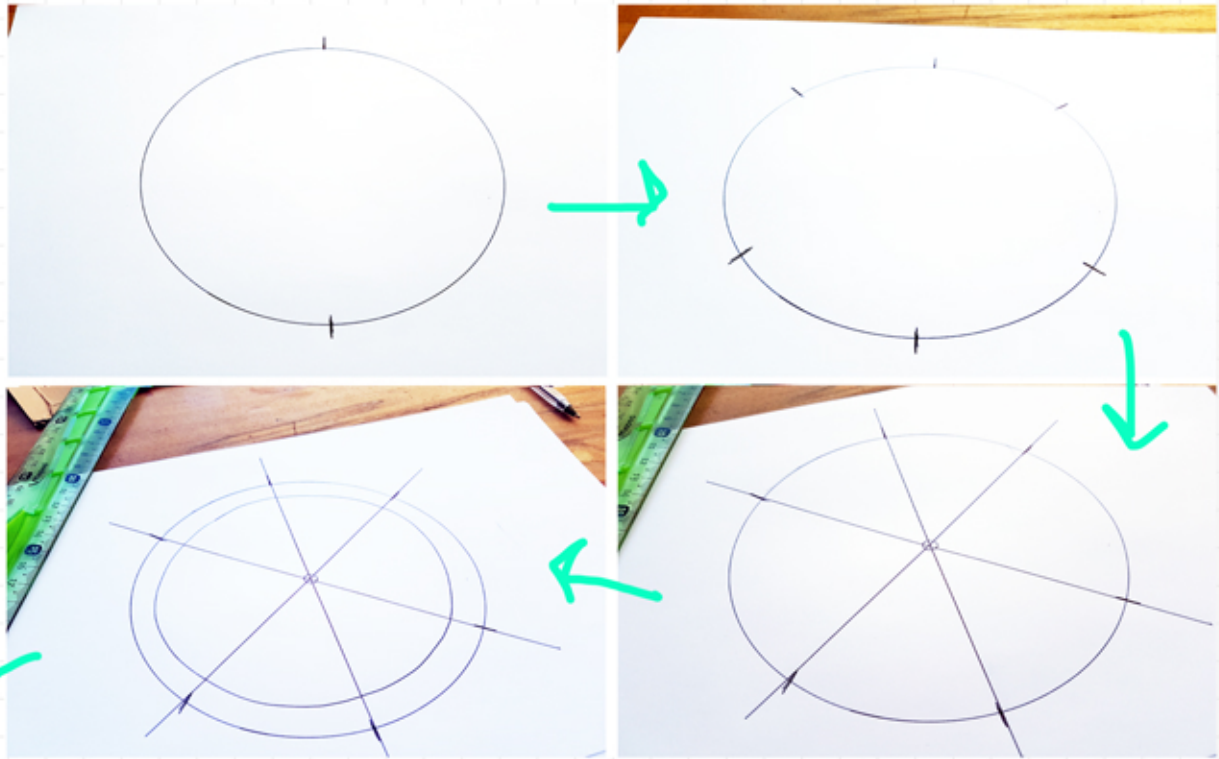
3 CRAYONS or FELT TIP PENS: BLUE, RED and YELLOW

GLUE

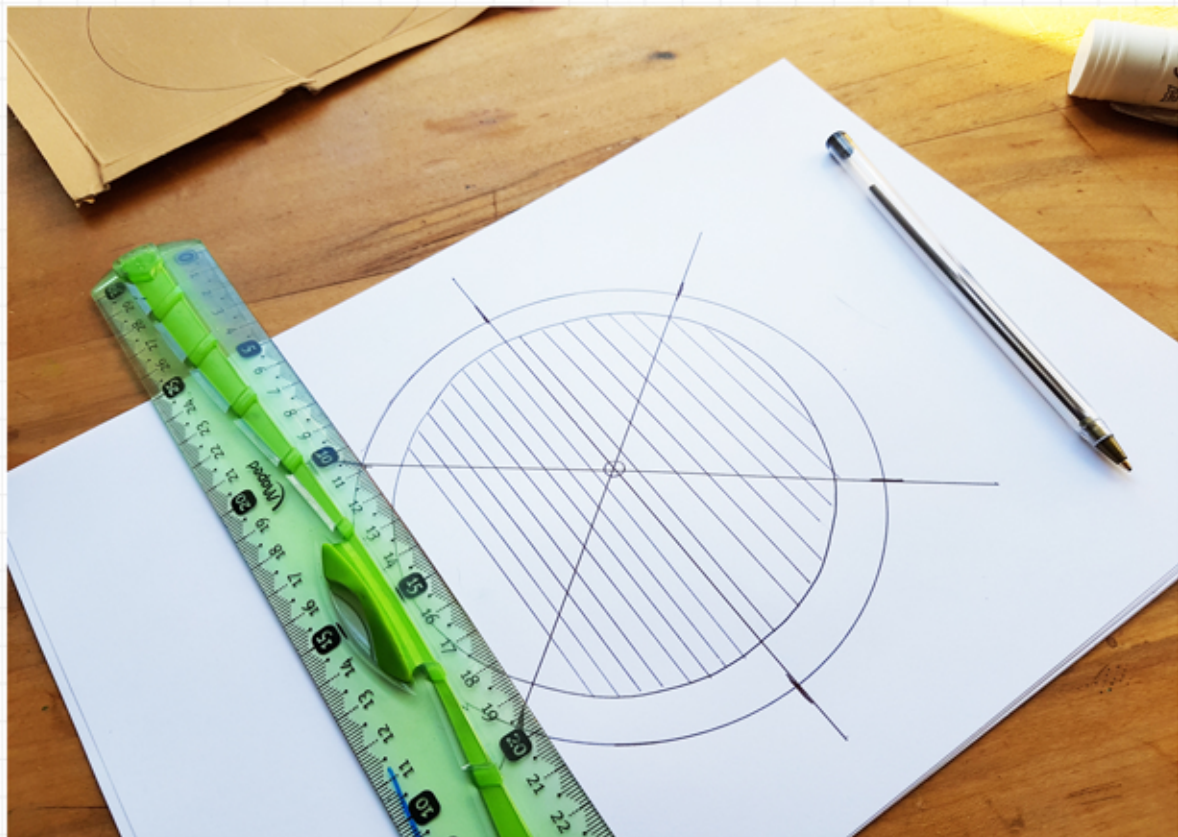
SCISSORS

...start by drawing 2 circles...

FIRST we'll draw the circle - like this (no need to measure, you can just eyeball the distances for the marks. But use a ruler for the straight lines):



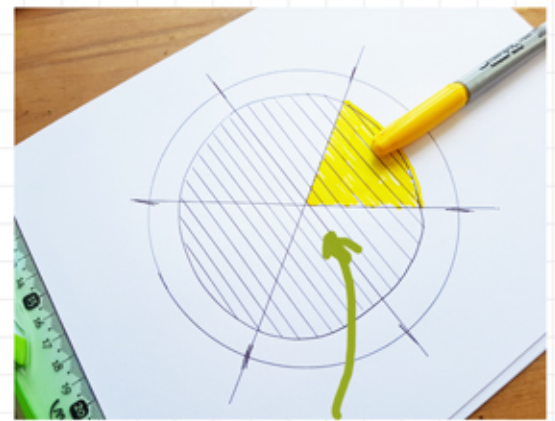
Next, draw stripes across the whole of the INNER circle. You can start drawing out from one of the straight through-lines, and then fill the whole area.



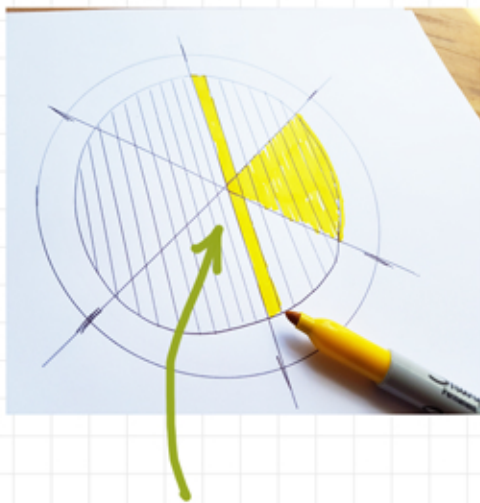
Introducing: COLOUR !!



we will colour
in every other
'wedge' of the
circle, starting
with yellow.



start with
a wedge that
points towards
the central line...



THEN colour in
EVERY OTHER
line in the
neighbouring wedges,
starting with the one
at the tip of the wedge!

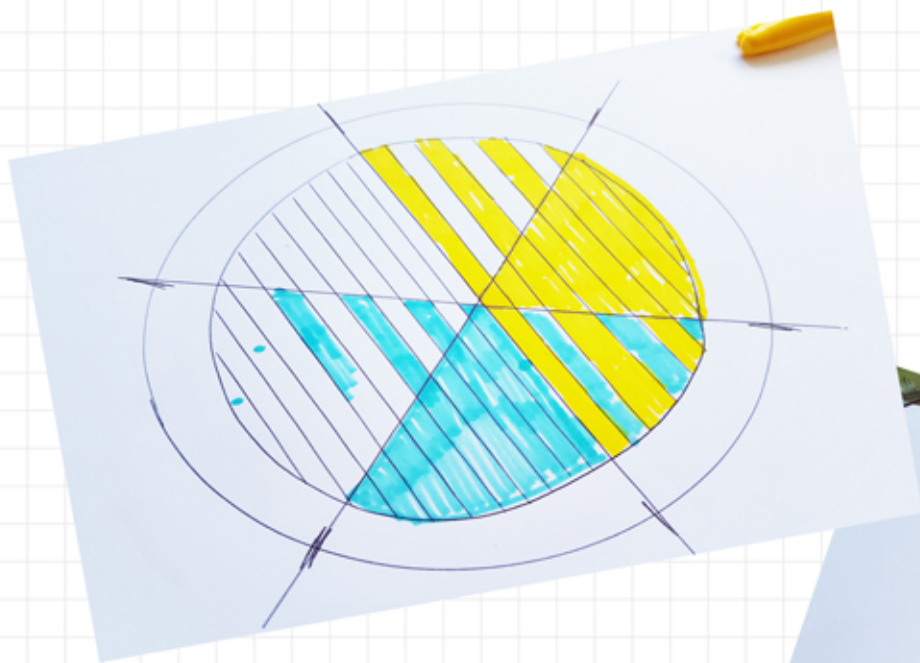


DONE!

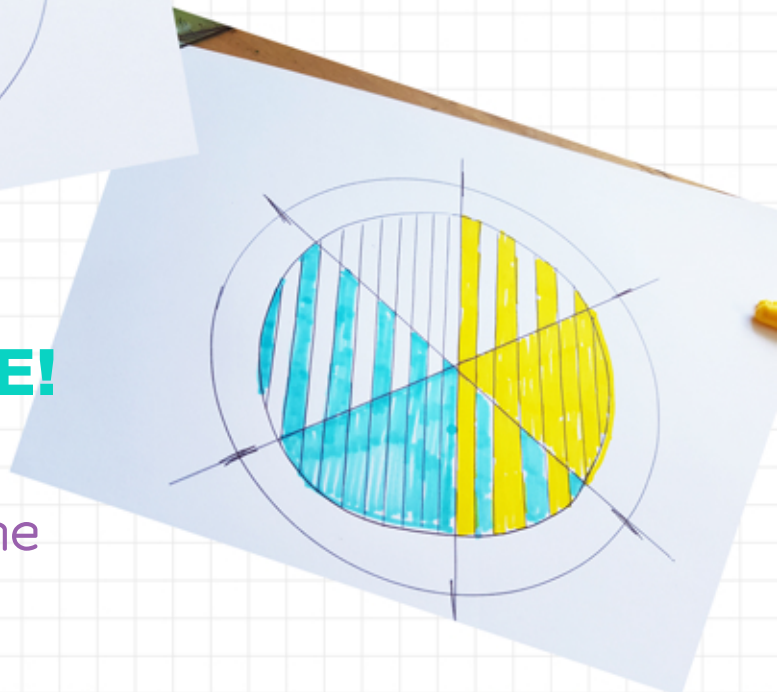


NEXT UP: THE BLUE COLOUR!

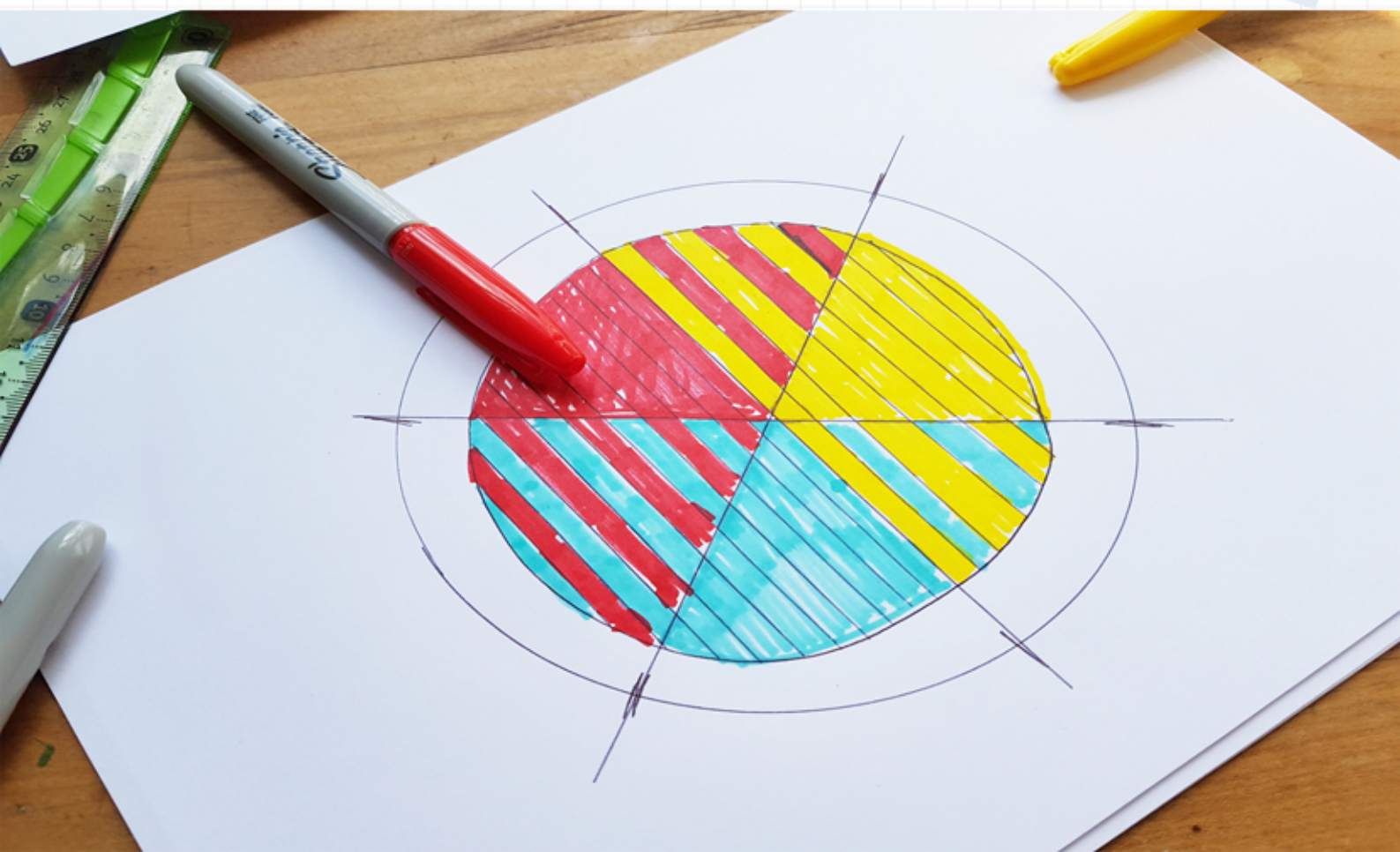
Again, do the same: colour the full wedge and every other stripe on both sides!



DONE!



Now it's all ready for the last colour - **RED!**



With all the PRIMARY colours RED BLUE and YELLOW in,
WHAT'S NEXT? If you stand far back, or squint, you
might see the stripes mixing
into something else...



RED + BLUE = PURPLE
BLUE + YELLOW = GREEN
YELLOW + RED = ORANGE



**HERE THEY
ARE :)**

OUR COLOUR WHEEL IS DONE!



You can colour them in if
you want to – now we have
all 6 colours: PRIMARY
and SECONDARY!

NICE!



Cut it out and glue it on the cardboard backing –
all DONE.

SO where's the SCIENCE, you may ask...
and How is it a TOOL?

WELL,
not only does our wheel
tell us about how colour
mixes in our eyes
(blue and red
specks mix into purple),
it also shows us what
colours are OPPOSITES.

BLUE ORANGE
PURPLE YELLOW
RED - ?

These make especially ZINGY
looking pairings!!



**Hooray to
COLOUR!**

**Save your
tool, we will
use it next
time!**

**Have a great
week!**

