



The artwork above is by **Brigitte Kowanz** and it featured in the Glucksman's exhibition *PRISM: The art and science of light*. The exhibition was curated in association with **IPIC**, the Irish Photonic Integration Centre at the **Tyndall Institute**, UCC. For further information visit: <http://www.glucksman.org/exhibitions/prism>

This week's **#creativityathome** activities explore colour and light

CREATIVE EXPLORATION

The colour blue represents lots of different feelings to different people – calm, sad etc. How does it make you feel?

Blue is one of the rarest colours found in nature. Can you think of any animals, insects or birds that are blue? Ask your family.

What blue objects can you find around your home? Can you collect 5 blue items in your house? Take a photo and we'll share it on the Glucksman social media pages.

ART ACTIVITY

MATERIALS: Blue + yellow + red paints, paintbrush, water, paper, cardboard, string, plate, ruler.

Today, we are going to make a colour wheel as we experiment and mix different paints. We'll then use our knowledge of mixing paints to create some beautiful shades of blue that'll make a rain drop necklace.

Activity 1: Colour Wheel

With just the three primary colours - red, yellow and blue we can have loads of fun mixing paint and creating lots of new colours! Follow these instructions and watch our tutorial video to discover how to create your own colour wheel.

Find a plate and place it upside down on your piece of paper.

Take a pencil or pen and draw around the plate to create the outline of your wheel.

Grab your ruler and draw three straight lines, dividing your circle into equal pieces (just like slicing a pizza!)

Take your pen and write red, yellow and blue next to every second slice.

Now, paint the red, yellow and blue slices. You should have three painted slices and three unpainted.

In a mixing tray or on a second piece of paper, mix yellow and red and you should start to create orange.

Paint orange into the slice between red and yellow on your colour wheel.

Now mix blue and yellow and you should make green.

Paint green into the slice between yellow and blue.

Finally, mix red and blue and you'll make purple.

Paint purple into your final slice between red and blue.

Well done, you've made a colour wheel!

Now have fun experimenting with different quantities of colour to create different shades.

Activity 2: Rain drop necklace

Now that we understand a little more about colours and mixing paints, we are going to create different shades of blue to make a unique rain drop necklace.

Paint three pieces of paper in three different shades of blue.

Cut out 12-15 raindrops in different sizes, 4-5 per colour.

Glue the raindrops to a sheet of cardboard (cereal boxes are perfect)

Cut out matching raindrops that you can stick on the back of the ones you have made (to cover up cardboard)

Punch a tiny hole in each of the raindrops

Thread a piece of string through each of the raindrops and once finished, tie a knot.

Well done, wear your necklace with pride!

We would love to see what artworks you create. Ask your parents or guardian to share them with us on the Glucksman's and through their [Facebook](#), [Instagram](#) and [Twitter](#) accounts and we will post them to our online galleries on our website.

www.glucksman.org