



The image above is a detail of an artwork by **Diana Copperwhite**. It featured in *PRISM: The art and science of light* which was presented in association with **IPIC**, the Irish Photonic Integration Centre at the **Tyndall Institute** at UCC. You can find out more about it here: <http://www.glucksman.org/exhibitions/prism>

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

CREATIVE EXPLORATION

Can you remember the last time you saw a rainbow? Where was it and how did it make you feel?

Rainbows are often found in stories, artworks, films and songs. Can you name/sing any? Ask your family for help and make a list

Can you name all the colours of the rainbow? Try to find objects around your home to match the 7 colours of the rainbow. Take a photo and we'll share it on our social media pages.

ART ACTIVITY

MATERIALS: Card, pencil, ruler, string, colouring pencils, paper, paint

Today, we are going to create our own colour spinners and make colourful rainbow string paintings!

Activity 1: Colour Spinner

This Colour Spinner is covered in primary and secondary colours but give it a spin and watch them vanish from rainbow to white light!! This fun activity explains how white light is created and is a great way to wow your friends and family!

Check out our tutorial video for a step by step guide.

Grab a piece of card and draw out a circle using a plate as a guide.

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

Colour the slices in this order: red, blue, green, yellow, orange, purple.

Cut out the circle and punch out the holes in the middle (ask an adult for help)

Thread a one metre long piece of string through the holes and tie the string into a loop.

Wind things up. Twirl the string like you would turn a skipping rope.

Once the string is tightly twisted, pull your hands apart and bring them back together as if playing an accordion.

As the wheel spins faster, watch as the colours blur together. They should merge to make white.

Impress your family with your magical colour spinner!

Activity 2: Rainbow String Painting

Experimenting with colours and paint is a great way to spend an afternoon. This string painting activity will allow you to create rainbow art perfect for your bedroom wall!

Start by adding a small blob of each colour paint onto the paper, so they are touching and forming a line.

Lay your string across the paint and slightly twist so the paint covers all sides of the string.

Lay the string across the paper so the ends hang off the edges.

Place a second piece of paper (the same size if possible) on top.

Press down onto the paper as you pull the string back out (use a heavy book to help hold the paper down)

Remove the top paper to reveal the rainbow design!

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