

Let's celebrate national science week

15TH - 23RD AUGUST, 2020

We've packed this activity book full of fun sciences experiments you can do in the comfort of your own home! We'd love to see your projects, so don't forget to share and tag #cirescienceweek. Enjoy!

mini explorers

Make your own binoculars by using cardboard rolls! Join two equal lengths together and decorate! Cover the ends in coloured cellophane for fun colour exploration



COLOUR & PATTERNS

Fill a jar with cold water. Slowly add in food dye and watch the water change colour. Carefully place jars in a window and enjoy the patterns as the sun shines through.

STAINGLASS windows

You will need clear sticky contact paper and colourful tissue paper. Lay the contact paper sticky side up and press pieces of the tissue paper down. Display in a window and talk about the patterns, lights and colours shining through



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LIGHT UP THE NIGHT!

Make your own light projectors using cardboard rolls, clear wrap placed over the end of the roll, stick any shape onto the clear wrap, shine a torch through to produce a shadow show!



COLOUR YOUR FLOWERS

You will need fresh white flowers for this fun experiment. Fill a glass with warm water and add 10 - 20 drops of food colouring. Cut your flower stems on an angle and place in the glass overnight. In the morning you will find the flower has changed colour. This process is called Capillary Action, which is where water moves through the plant.



foamy Paints

Fill a patty pan dish with shaving foam and add some food dye or paint to create your colour pallet. Use colours just like you would any normal paint, except when the artwork dries it will be 3D and puffy!

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volcanos!

Place a cup in a dray or over a placemat. Add 1/4 cup of Baking Soda into a cup. Stir in a few drops of food colouring. When you're ready add 1/2 cup of vinegar and watch the Volcano Erupt!



PAPER aeroplanes

A fun activity we all know and love. Drop your aircraft from the top of a stair case or simply see how far you can fly yours. Find various folding patterns online

nature TRAYS

Create a nature tray by collecting flora when you're out on a walk. Add leaves, sticks, pine cones, nuts and more. use a magnifying glass to study your specimens, sort by colours, count your items and discuss caring for our environment.

