



**School
pack**



Sugar Crystals Activity

Hey there, future scientists! Get ready to embark on a sugary adventure as we dive into the world of crystal making.

You will need:

- A cup
- A jug
- Sugar
- Spoon
- A jar
- A plate
- A screwer
- A clothes peg



Method:

1. First things first, you need some water, sugar, and a trusty jar.
2. Now, here's the scoop: growing crystals can be a bit tricky, especially when it's super hot, cold, or rainy outside. So don't be surprised if we need to give this experiment a couple of tries!
3. Get your teamwork spirit on! With a little help, pour half a cup of hot water into a jug. Then, go solo and add one whole cup of sugar. Stir it up until that sugar vanishes into thin air.
4. Pour this sugary concoction into your jar, just like a wizard brewing a potion!
5. Time to get creative! Dip a wooden skewer into the warm mix, then plop it on a plate. Sprinkle some sugar on the wet end and let it dry. Voila! You've got the start of something sweet.
6. When the jar's contents cool down, use a clothes peg to balance the dry end of the skewer back onto the jar. Now, the sugary end is ready to dive into the mix!
7. Find a cosy, warm spot for your jar to chill.
8. Be patient, young scientists! After 2-3 days, take a peek at your skewer. It should be all dressed up in sugar crystals, like a sparkly outfit.
9. Here's the science scoop: hot water can hold more sugar than cold water. But when it cools down, the sugar decides to throw a party and forms crystals on the skewer. You can even eat them like lollipops if you're feeling adventurous!
10. Want more colourful fun? Try adding a few drops of food dye to the water along with the sugar next time. Watch as your crystals turn into a rainbow of sugary goodness!



Make a glowing galaxy sensory bottle

Let's create a magical glowing galaxy in a bottle!

You will need:

- Sturdy plastic bottle
- Almost full bottle of hair gel
- A squirt of glitter glue
- A squirt of glow-in-the-dark paint
- Super glue
- Glow-in-the-dark mini stars



Method:

1. Squeeze the glitter glue into the bottom of the bottle.
2. Add a little bit of glow-in-the-dark paint, just a good squirt. The glitter glue will make it sparkle, and the paint will add a hint of glow.
3. Fill the bottle almost to the top with hair gel. The gel makes it so stars don't fall right away, and the bubbles inside simulate stars in the galaxy.
4. Drop your glow-in-the-dark stars into the bottle. Tip: If your gel is too thick, add a couple of tablespoons of water to help the stars move.
5. Very important! Once it looks just right, use super glue to seal the lid tightly.

Now you have your very own glowing galaxy in a bottle! Enjoy the magic of the stars anytime you want.



Black Sparkle Space Modelling Dough

This Black Sparkle Space Modelling Dough Recipe sounds like a fun and creative project!

You will need:

- 250 g of plain flour
- 2 tbsp. vegetable oil
- 63 g salt
- 2 tbsp. cream of tartar
- 400ml boiling water
- Black food colouring (or 1 tbsp. black powder paint for older children)
- Few drops glycerine
- Edible gold or silver glitter (used for cake decorating)



Method:

1. In a large mixing bowl, combine the plain flour, salt, and cream of tartar. Mix these dry ingredients together.
2. In a separate container, add black food colouring to the boiling water. The amount of food colouring you use will depend on how intense you want the black colour to be. Mix until you achieve the desired colour.
3. Carefully pour the coloured boiling water into the dry ingredients mixture. Stir as you pour to combine everything.
4. Add a few drops of glycerine to the mixture. Glycerine helps make the dough smoother and more elastic.
5. Allow the mixture to cool down for a bit. You want to avoid handling hot dough.
6. Once the mixture has cooled enough to handle, knead it vigorously for a few minutes. This kneading process will help to eliminate any stickiness and create a smooth, pliable dough.
7. Knead in the edible gold or silver glitter. You can add as much glitter as you like to achieve the desired sparkle effect.

Now, your Black Sparkle Space Modelling Dough is ready for creative play! Remember that this dough is not edible, so it's important to supervise younger children and make sure they don't put it in their mouths. Enjoy crafting with this unique and sparkly modelling dough!

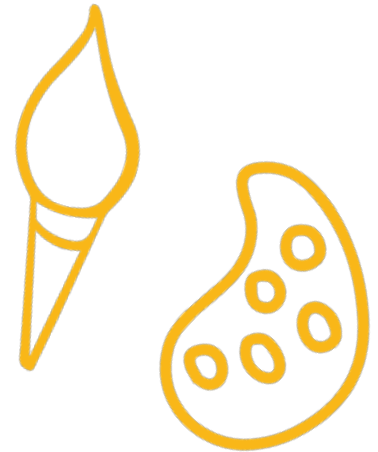
Magical Edible Glitter Paint for Kids!

Get ready for a magical and colourful adventure, young artists! Today, we will learn how to make our own Edible Glitter Paint.

This special paint isn't just for creating beautiful artwork; it's also safe to taste! So, if you accidentally get some on your fingers, don't worry – it's like painting with tasty magic.

You will need:

- 4 tablespoons of cornflour
- Cold water
- 235ml of boiling water
- Liquid colours or food colouring
- Edible glitter (you can find this at cooking or baking shops)
- Small bowls
- Whisk
- Small pan
- Stove



Method:

1. First, mix the cornflour with some cold water until it's like a smooth paste without any lumps. Think of it like mixing a special potion!
2. Carefully pour in the boiling water and give it a good whisk until it's super smooth and looks like a magical potion brew.
3. Ask a grown-up for help and put the pan on the stove at a low heat. Keep stirring gently until you see clear lines forming in the mixture. It's like watching the magic happen!
4. Take the pan off the stove, but keep stirring until your potion turns into a thick, gooey paint. Imagine you're stirring a cauldron of colourful paint.
5. Now, divide your magical paint into small bowls. It's time to add different colours to each bowl! Use those liquid colours or food colouring to make your paint look extra enchanting. Stir until all the colours are mixed in perfectly.
6. Sprinkle a little bit of edible glitter on top of each colour. This will make your paint sparkle and shine like fairy dust!
7. Ta-da! Your enchanted paint is ready for a magical adventure. Use it to create beautiful, colourful masterpieces and let your imagination run wild!
8. Now, go and have some glittery, colourful fun with your magical paint!

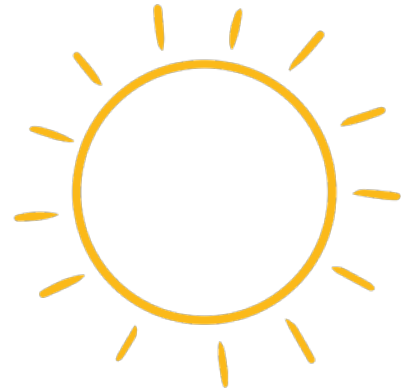


Sun catcher crafting

Get ready for a fun crafting adventure! In this project, we'll turn ordinary materials into a sparkling star decoration that will add a burst of colour to any room. Let's begin!

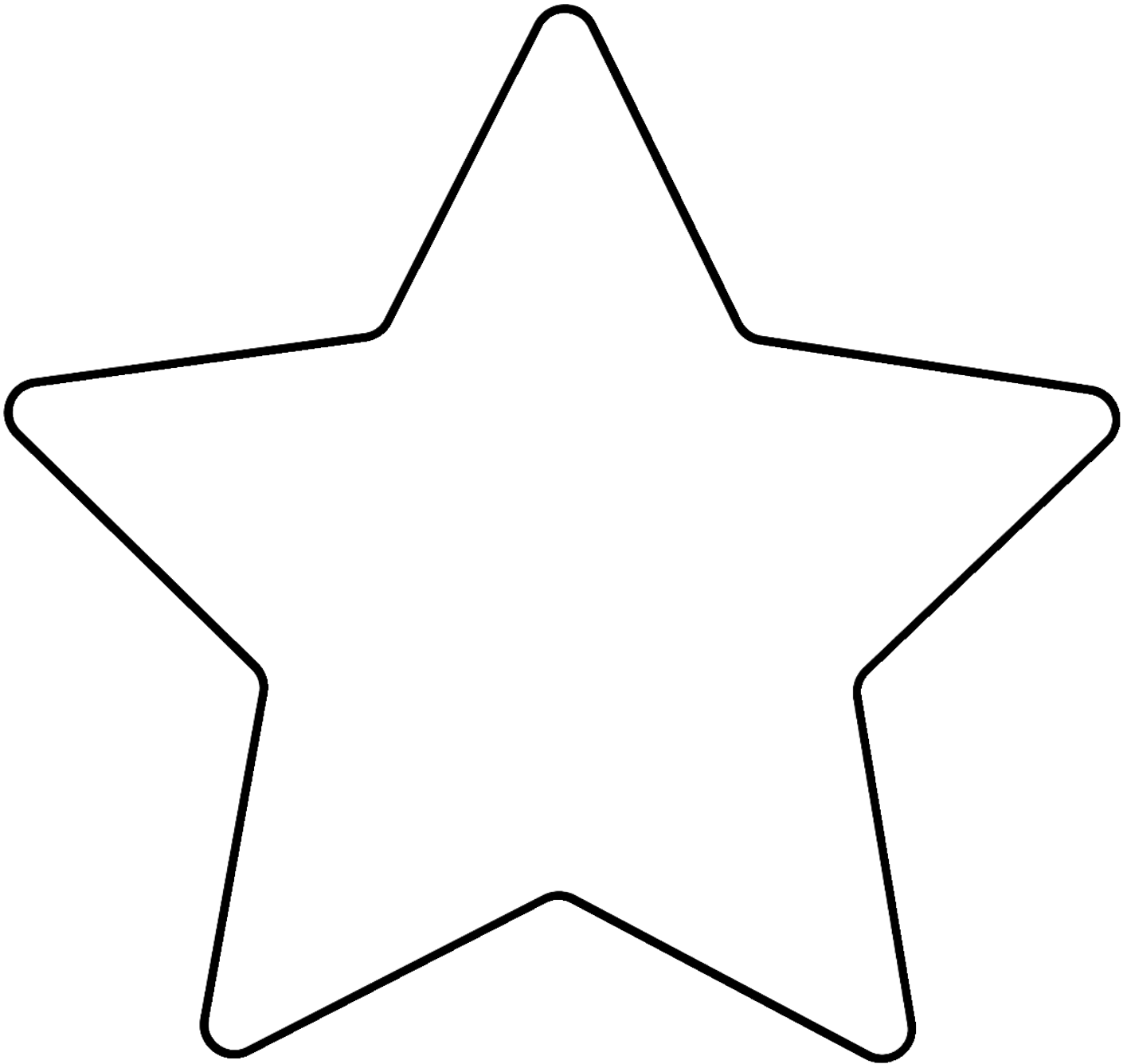
You will need:

- Clear contact paper (like sticky plastic)
- Colourful tissue paper, cut into small squares
- Scissors
- String (to hang your decoration)
- Star template (a shape to help you make a star)



Method:

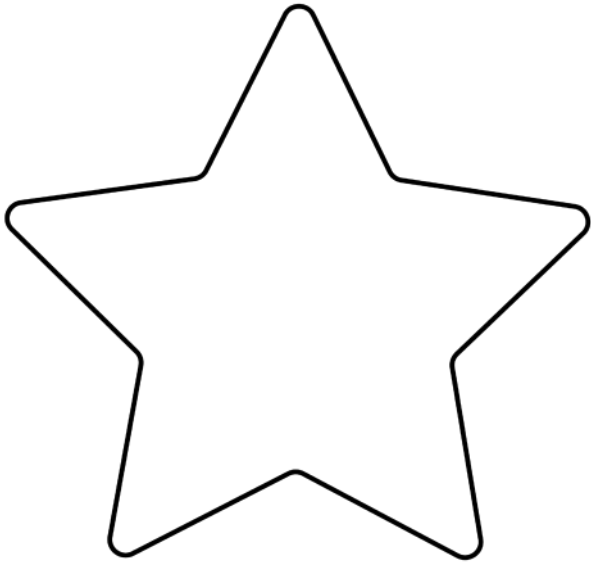
1. Cut out the star shape from the template.
2. Cut a hole in the middle of the star shape to look like a window. This can be another star shape, a circle or anything you like.
3. Place the star template on the clear contact paper, carefully draw around and cut out a star shape from the contact paper.
4. Now, peel off the backing of the contact paper so it's sticky on one side.
5. Stick the paper star template to the contact paper star so the sticky side faces up.
6. Take the colourful tissue paper squares and start sticking them onto the sticky part of the contact paper until the whole star is covered with the tissue paper.
7. Finally, use a hole punch to make a small hole at the top of the star and thread the string.
8. . Your star decoration is ready to hang up and brighten your room!
9. Have fun creating your colourful star decoration!



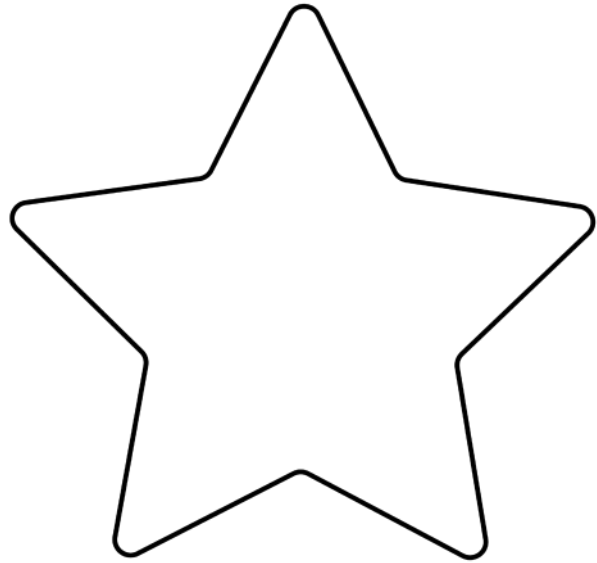


Fill in the stars to finish the sentences...

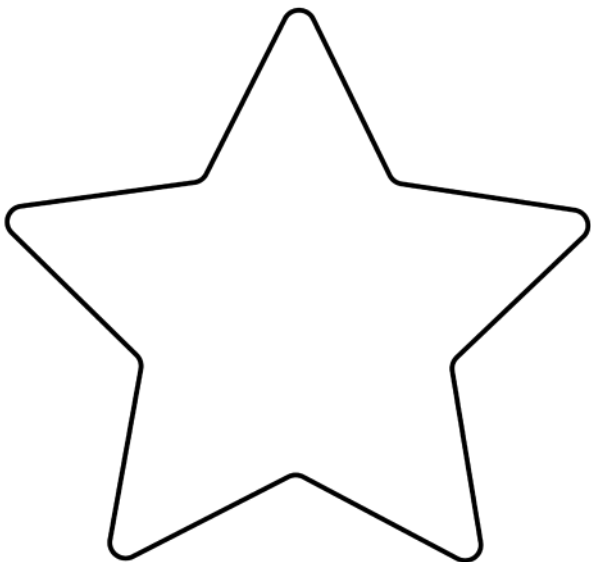
I like myself because



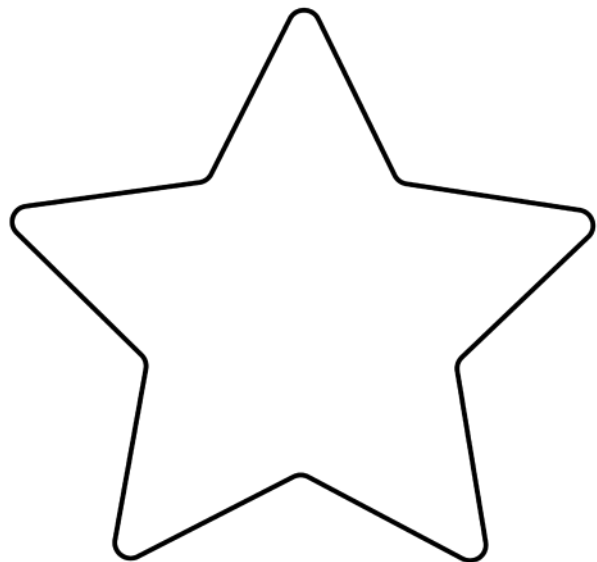
I'm proud of myself because



I'm a good friend because



I'm special because





Make Your Own Glitter!

Create eco-friendly glitter at home using simple ingredients

You will need:

- Epsom salt (or you can use sea salt or sugar)
- Food colouring

Method:

1. Get a bowl or a food bag.
2. Put some Epsom salt into the bowl or bag.
3. Add a few drops of food colouring.
4. Mix it all up really well (you can squish it in the bag if you want).
5. Spread out your sparkly stuff and let it dry.
6. When it's dry, you can use your glitter!



Notes:

1. Sea salt makes colours less bright.
2. Sugar can stick together more, but it is safe to eat and great for glittery cupcakes!
3. Epsom salt is for bath salts, so at home you can add a few drops of nice-smelling essential oil to your homemade glitter and make relaxing bath salts.
4. Remember, your DIY glitter may not be as shiny as the store-bought kind, but it's better for the environment, can be used for lots of things, and you'll be proud of making it yourself (plus, it's not as messy as plastic glitter!).