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Salt Painting: Frosty Snowflakes

Stem Activities



Ages: 3-5



30 minutes



Grownup needed



Create magical frosty snowflakes with just salt and water! Watch science and art combine to form sparkling crystals.

Materials Needed

- Card paper
- Salt
- Paintbrush
- Water
- Bowl



Step-by-step tutorial

Step 1

Pour 20g of salt and half a cup of water into the bowl, stir until the salt no longer dissolves.



Step 2

Using the paintbrush, dip it in the salt water and paint a snowflake pattern on the card paper.



Step 3

Wait patiently for the snowflake to dry, and your salt snowflake painting is complete.



The Science Behind It:

When you dissolve salt in warm water, it creates a supersaturated solution. Warm water can dissolve large amounts of salt because its molecules move quickly, keeping the salt mixed in. As the water evaporates, the salt crystallises, forming shimmering white lines that look like frost on snowflakes.