

The 12 Days of Christmas

Day Eleven



Science & Magic



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Day 11 – Science & Magic

At the North Pole, magic and science are teammates.

Elves test sparkly snowflakes in their labs, reindeer practice “lift-off physics,” and Santa always says that curiosity is the brightest kind of Christmas magic.

Today, you'll mix, build, discover, and dazzle, unlocking the tiny wonders hidden in snow, sparkle, and imagination.

What's Inside Today:

- **Snow & Sparkle Science Experiments** - Hands-on kid-friendly activities that bubble, fizz, melt, shimmer, and surprise.
- **Santa Anatomy Cut & Paste**
- **Kid-Friendly Magic Tricks** - Simple sleight-of-hand any child can master to amaze their family.
- **Magic Meltaway Cookies** - A simple, fun recipe with a “disappearing” twist.
- **Fun Facts & Sparkle Science** - Did you know that turn winter wonder into real curiosity.



Magic Meltaway Cookies

These cookies are soft, sweet, and disappear almost as fast as Santa's sleigh.

Ingredients:

- 1 cup softened butter
- ½ cup powdered sugar
- 1 teaspoon vanilla
- 1 ¾ cups flour
- Red & green sprinkles
- Optional: tiny crushed candy cane for sparkle



Instructions:

1. Mix butter, powdered sugar, and vanilla until creamy.
2. Add flour and stir until the dough comes together.
3. Roll into small balls, place on a baking sheet, and gently flatten with your palm.
4. Add sprinkles on top for Christmas sparkle.
5. Bake at 350°F for 10–12 minutes.
6. Let cool — they melt in your mouth when they're ready!

Magic Candy Cane Tip:

Place one cookie beside your Magic Candy Cane tonight. Santa says meltaways give him extra fast sleigh speed.



Sparkle Science Fun Facts

At the North Pole, science and magic work side by side. Elves test sparkles, reindeer experiment with flight speed, and even snowflakes have secrets waiting to be discovered.

Use these fun facts to learn how the magic of Christmas really works behind the scenes.

Did You Know?

Every snowflake that falls at the North Pole has a tiny “sparkle core” that helps reindeer see in the dark.

Did You Know?

Elves test sleigh speed by measuring how long it takes a cookie to cool on a snowy windowsill.

Did You Know?

Santa’s gloves are made from a special fabric that never gets cold, it warms up when he laughs.

Did You Know?

Baby reindeer take “mini-flight lessons” by jumping off snowbanks into fluffy snowdrifts.

Did You Know?

At the North Pole, snowflakes are tested in a special “Sparkle Chamber”
Elves study how they twirl, melt, and shine so they can predict the perfect weather for Santa’s sleigh flight.

Magic Candy Cane Tip

Keep a tiny piece of today’s experiment beside your Magic Candy Cane. Santa says curiosity makes Christmas magic glow brighter than any snowfall.



North Pole Scientist Award

This ribbon is for brave explorers who mixed, tested, tinkered, discovered, and let their curiosity shine bright enough to light up a snowy night in the North Pole Lab.



Things to Remember

Today you:

- Explored the magic behind Christmas with hands-on science experiments that fizzed, melted, jumped, and changed before your eyes.
- Mixed your own sparkling snow, jumping candy canes, and color-swapping cups — discovering how tiny reactions can feel like real North Pole magic.
- Learned that every scientist, even the ones at the North Pole, starts with curiosity, courage, and a willingness to try something new.
- Created a little Christmas wonder right at home, using nothing more than everyday items and your imagination.

Take a Moment:

Think about the reactions you saw today. The colors spreading, the candy canes jumping, the snow glittering. Those moments of wow! are exactly what the elves love most in Santa's workshop. At the North Pole, curiosity is a superpower. When families explore, experiment, and wonder together, it strengthens the magic that helps Santa travel the world each Christmas Eve.

Magic Candy Cane Tip:

Leave your jingle bell or dance card beside your Magic Candy Cane tonight. Santa listens for the joyful sounds families make, and he always smiles when he hears yours.

