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# The Paw Print Press

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## IMPORTANT DATES

**Friday, December 12**

**Lakeshore Winter Concert**

**9:45am and 2:20pm, Community Room**

Listen to the voices and instruments of our young musicians from Kindergarten, 2<sup>nd</sup> grade and Ms. Jones, Ms. Camou, Mr. Gonzalez and Ms. Fusscas' classrooms. Under the direction of Music Teacher Mrs. Reilly.

**Monday, December 15**

**SSC Meeting, 6:00 – 7:30 pm, Staff Lounge**

**Wednesday, December 17**

**Staff Appreciation Lunch**

**11:45 am – 1:30 pm, Community Room**

Let the staff know how much you care! Info is coming soon about baking and volunteering.

**Friday, December 19**

**Lost and Found Deadline**

Make sure you look for any lost items before they are donated over the winter break.

**Monday, December 22 – Friday,  
January 2**

**NO SCHOOL — Winter Break!**

Enjoy the extended vacation with friends and family.

**December 10, 2014**

## **Lakeshore's Annual Staff Appreciation Luncheon**

**Wednesday, December 17, 2014**

**11:45 a.m. to 1:30 p.m. in the Lakeshore Community  
Room**

Our yearly Staff Appreciation Lunch is a chance for Lakeshore families to thank our exceptional group of Educators for all they do for our children. A holiday lunch is a small gesture but it is very much appreciated!

Historically, this lunch is a potluck with food provided by Lakeshore Families. We are in need of main dishes, salads, desserts and drinks — Italian sodas, tea, lemonade etc.

- Please plan on bringing your contribution to the Teacher's Lounge on Wednesday, December 17 between 9:30 am - 11:30 a.m. clearly marked "FOR STAFF LUNCH."
- Any dishes that need to be returned will be back in the Teacher's Lounge before the end of school. Please put your name on any dishes that need to be returned. Disposables are recommended.
- If your dish is to be served warm, please plan on bringing it to school at 11:30 a.m. as we will have limited space to heat items.

We are also in need of Volunteers to set-up, help serve, and clean-up after the event. Schedule and volunteer need is as follows:

- 10:30 a.m. - 11:45 a.m. Set up Community Room and Food (5-10 people)
- 11:45 a.m. - 1:30 p.m. - Help serve food and replenish as needed (5-10 people)
- 1:30 p.m. - 2:30 p.m. - Clean-Up Community Room (5-10 people)

Please email Heather Baria at [heatherbaria@gmail.com](mailto:heatherbaria@gmail.com) if you are able to help with one of the shifts.

## Lost and Found: Next Deadline is Friday, December 19

The next deadline for finding lost items is FRIDAY, DECEMBER 19th, before Winter Break. Unclaimed items will be sent to Schoola ([www.schoola.com](http://www.schoola.com)). Please LOOK for lost items and put NAMES on clothing, lunch pails, and other items.



**Like Us on Facebook!**

Stay up-to-date on Lakeshore news, events, and happenings: [www.facebook.com/lakeshoreelementary](http://www.facebook.com/lakeshoreelementary).

## Stay Connected

Don't miss out on class information or school activities. Be sure to give your teacher your email information as well as:

- Be sure to read the Paw Print Press each week. Submit items to be included by emailing [website@lakeshoreelementary.org](mailto:website@lakeshoreelementary.org)
- Join the Lakeshore Listserv: Send a blank email to [LakeshorePTA-subscribe@yahoogroups.com](mailto:LakeshorePTA-subscribe@yahoogroups.com). Reply to the confirmation message and you're all set. You can send emails to the group by emailing [LakeshorePTA@yahoogroups.com](mailto:LakeshorePTA@yahoogroups.com)

*Want to include something in the next edition? Please email [newsletter@lakeshoreelementary.org](mailto:newsletter@lakeshoreelementary.org) no later than Friday evening with final content and your contact information.*

## Experiment: Make a Magic Holiday Crystal Tree

### MATERIALS

- Mrs. Stewart's Bluing (check your local grocer's cleaning section)
- Table salt
- Household ammonia
- Thin cardboard (like the type from the back of a notepad, not corrugated)
- Pen or pencil
- Scissors
- Bowl
- Water
- Measuring spoon
- Food coloring
- Adult supervision

### EXPERIMENT

Trace two Christmas tree shapes onto the cardboard and cut them out.

Cut a slot down the middle of one tree shape. Start at the top and stop in the middle of the shape.

In the other tree shape, cut another slot down the middle. On this shape, start at the bottom and cut to the middle.

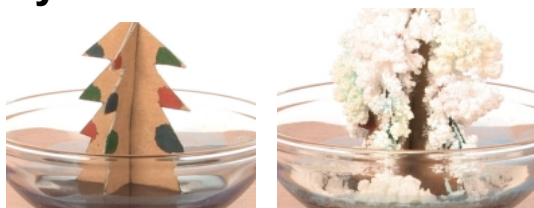
Slide the two slots together, creating a three-dimensional tree shape that can stand by itself.

Add drops of food coloring to the edges of the cardboard and let the food coloring soak into the cardboard.

Using the bowl, mix these ingredients together:

- 1 tablespoon of water
- 1 tablespoon salt
- 1 tablespoon bluing
- 1/2 tablespoon of household ammonia

Stand your tree in the middle of the bowl containing your magic solution and be patient. Over the next 10 to 12 hours, your Magic Crystal Tree will grow and grow and grow! Pretty soon, you'll have a colorful snow-covered tree that grew by pure magic.



### HOW DOES IT WORK?

The main principles at work here are *capillary action*, *evaporation*, *crystalization*, and *saturation*.

Capillary action is the same process that enables plants and trees to take water and nutrients from the soil up through their stems or trunks and into their leaves, branches, flowers, and fruit. The cardboard tree uses the same process to draw the magic solution up through its entire shape until the cardboard has soaked itself in the solution.

After the magic solution has been drawn throughout the tree by capillary action, the solution begins to evaporate. The evaporation process is accelerated by the ammonia, which evaporates more quickly than water. As the magic solution evaporates off of the tree, the crystals are left behind on the branches of the tree.

The magic crystals that are left behind are a combination of the Mrs. Stewart's Bluing and the table salt. The solution that you create is supersaturated by the bluing and salt that you add to the water. The bluing is a *colloid*, with many tiny particles suspending themselves within the water. It's just like when you shake up a snow globe, except the particles of bluing are much smaller than the snow. As the bluing and salt water make their way up the tree, the water begins evaporating. This means there is less water able to support the bluing particles and dissolved salt. This evaporation allows the salt and bluing particles to crystallize, resulting in your beautiful tree.

Source: [www.stevespanglerscience.com/](http://www.stevespanglerscience.com/)