



# Ice Orbs

an Outdoor Learning Activity



**CONTRIBUTED BY:**  
Ash Point Community  
School in Owls Head, Maine

## LESSON SUMMARY:

After learning about the Properties of Matter, students use balloons and water to create ice orbs for an outdoor winter garden display at their school.

## GRADE LEVEL STANDARDS:

This activity can be connected to the 2nd grade Physical Science strand of the Next Generation Science Standards. Find them here:  
<https://www.maine.gov/doe/learning/content/scienceandtech/standards>

## PROCEDURE, INDOORS:

### Background Knowledge:

- Complete a mini lesson on Properties of Matter.
- Picture sort: categories photos of items that are solid, liquid, or gas.

### Ice Orb Activity, Day 1:

Mix water and food coloring together. Pour food coloring and water mixtures into balloons, tie balloons closed, place them in paper bowls and freeze for 24 hours.

### Ice Orb Activity, Day 2:

Keep each frozen balloon in it's paper bowl. Peel off the entire balloon and voila - you have a colorful ice orb!



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**PROCEDURE, OUTDOORS:**

Use the paper bowls to carry your ice orbs outside, and create a colorful ice orb garden for all to enjoy!

**MATERIALS:**

-Balloons

\*Be sure to check for latex allergies before doing this activity with your class!

-Food coloring

-Paper bowls

-Water



Move!

Learn!

Explore!

 Find more activities for your classroom or for learning at home in our WinterKids GOAL Binder! Purchase a copy here:  
<https://winterkids.org/product/winterkids-guide-to-active-outdoor-learning-goal/>