1. **Grow the Grinch’s Heart 3x Science Experiment** – with a few simple ingredients, this fun experiment is sure to get you in the holiday spirit!

2. **Crystal Candy Cane Ornament Experiment** – Grow your own crystals! In 18-24 hours, you will have made a crystalized candy cane ornament to hang on your tree. It can even be saved (delicately) for years to come! You can also make a [Gingerbread Man](#) with a similar process.

3. **Snowball Bowling** – Stack up plastic cups into a pyramid shape and bowl “snowballs” to knock over as many cups as you can! Take advantage of the Erie snow and move the fun outside to the driveway or patio.

4. **Jingle Bell Rock! Let’s Make Music** – In just a few minutes you can make your own jingle bell musical instrument. What’s more fun than singing and dancing to your favorite carols - now, with your very own instrument!

5. **Build Your Own Mini Gingerbread House** – This fun holiday tradition can be easily completed in less than 30 minutes! Don’t forget the Teddy Graham or gummy bear to guard your house! If it is a warm day, this activity may be perfect to do on your patio in case those gum drops go rolling away...

6. **Grow Your Own Christmas Tree** – With a large “Christmas tree shaped” sponge and few other supplies, you can grow your own tree. It takes approximately 2-3.5 weeks before your ‘tree’ will need a trim, so be sure to start early!

7. **Christmas Light Bulb Suncatchers** – They look just like the real thing! In a few easy steps, you can create a beautiful suncatcher in the shape of a [Christmas tree](#), ornament or snowman! Don’t be afraid to add sparkly gems!

8. **Giant gingerbread men & women self-portraits** – Have someone trace an outline of your body and decorate just like a gingerbread man! Hang them on the wall to make your own gingerbread family - include your pets too!

9. **Check out free Christmas light displays** – Count how many reindeer or Santa’s you see on your lights journey! The Barber Institute is hosting a [Christmas Lights Contest](#) from Dec.12-Jan. 2. Other free displays are the Perry Square Downtown Lights and [Presque Isle Lights 2020](#). Most display's will be up all season long!

10. **Frozen Bubbles Outdoor Activity** – Did you know that bubbles freeze when blown outside when temperatures drop below freezing? The colder the better! Frozen bubbles look like glass-blown ornaments, so it is a perfect chilly December day activity.

11. **Dissolving Candy Cane & Peppermint Candies Experiment** – See how quickly each candy dissolves right before your eyes! Try out different temperatures of water and other candy colors too.

12. **Paper Plate Christmas Masks/Photo Props** – This is a festive way to jazz up your Christmas photos this year! You can create a fun prop in minutes with just a few supplies. Have fun with it!
**12 Days of Christmas**

**SUPPLY LIST**

1. **Grow the Grinch’s Heart 3x Science Experiment** – Balloon, sharpie, water bottle, vinegar, baking soda & funnel

2. **Crystal Candy Cane Ornament Experiment** – Festive-colored pipe cleaners, mason jars, borax, ribbon (for the end product-ornament), pan, tablespoon, measuring cup & popsicle sticks

3. **Snowball Bowling** – Red solo or other disposable cups, spare socks & cotton filling.


5. **Build Your Own Mini Gingerbread House** – Graham crackers, frosting, & any favorite holiday candy will make the perfect little house.

6. **Grow Your Own Christmas Tree** – Large sponge (cut into the shape of a Christmas tree), quick growing grass seed & water.

7. **Christmas Light Bulb Suncatchers** – Contact paper or vinyl book protectors, colorful tissue paper, black permanent marker, scissors, tape & sparkly gems (optional)


9. **Go for a walk to check out the neighborhood Christmas light displays** – no supplies needed!

10. **Frozen Bubbles Outdoor Activity** – Bubbles

11. **Dissolving Candy Cane & Peppermint Candies Experiment** – Candy canes or peppermint candies, cups, water, & a timer