

In 2024, Indiana ranked 6th nationally in watermelon production. Watermelons are grown on over 6,500 acres, mainly in southern Indiana.

It takes 80-90 days to grow a watermelon. Once the watermelons are ripe, workers cut the watermelons off the vine and load them onto a wagon. After they are loaded on the wagon they are sold at markets, or are shipped to grocery stores or processing facilities.

Watermelons are considered both a fruit and a vegetable. Every part of the watermelon can be eaten, including the rind and the seeds. Watermelons are 92% water and help the body stay hydrated. Watermelons also have vitamin A and help with your eyes and skin.



MAKE YOUR OWN **EXPLODING WATERMELON VOLCANO**



ASK AN ADULT
FOR HELP!

RECOMMENDED TO
BE DONE OUTSIDE

In this fun and fruity experiment, kids will create their own “volcano” using a watermelon and baking soda, simulating an exciting volcanic eruption!

MATERIALS:

- Watermelon
- Dish Soap
- Baking Soda
- Melon Baller Tool
- Food Coloring
- Vinegar

INSTRUCTIONS:

- Hollow out a small watermelon with a melon baller tool. Enjoy the watermelon as a snack!
- Add at least a ½ cup of baking soda to start. Add more if you want a larger explosion.
- Add a couple squirts of dish soap into the watermelon.
- Add in a couple drops of food coloring.
- Pour vinegar straight into the watermelon and back away quickly. Stand back and watch your watermelon erupt!

WATERMELON STRUCTURES

MATERIALS:

- Watermelon
- Craft sticks
- Skewers
- Toothpicks
- Plastic trays
- Cookie cutters

DIRECTIONS:

1. Set out two trays, one with watermelon squares and one with wooden craft sticks, skewers and toothpicks.
2. Use cookie cutters to cut the watermelon into different shapes.
3. Use the materials on the second tray to build a creative structure.
4. You can take it apart and put it back together in new ways.
5. Draw the final design below!
6. Take it apart and enjoy your snack.



DRAW YOUR WATERMELON STRUCTURE:



SCAN THE QR CODE TO
WATCH A VIDEO
ABOUT AN INDIANA
WATERMELON FARMER.
OR VISIT: bit.ly/IASmelon

DID YOU KNOW?

A seeded watermelon can come in many shapes and weigh anywhere from 15-45 pounds.



WATERMELON LEMONADE

Ask an adult for help.

INGREDIENTS:

- 6 cups water
- 1 cup sugar
- 5 cups of watermelon
- 1 cup of lemon juice
- Watermelon slices for garnish

DIRECTIONS:

1. Combine 1 cup of water with the sugar in a saucepan. Cook over medium-low heat, stirring until the sugar is dissolved.
2. Place watermelon in a blender and puree until completely smooth.
3. Pour the watermelon puree through a strainer into a pitcher. Add the syrup from step one, lemon juice and 5 cups of water and stir well.
4. Store in the fridge until ready to serve. Garnish with a watermelon slice.

Indiana Activity Sheets are provided by Indiana Farm Bureau Agriculture in the Classroom.

For more information, please contact inaite@infb.org or visit www.infb.org/aitc.



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Agriculture in the Classroom