

Junior Explorers

“In the Water”



Week 5 Materials

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In the Water Materials Prep

For each *Explore It* theme, we'll let you know what materials are needed for each module (each day) of the theme, and we'll also let you know if there's materials prep you can do before the themed week kicks off. Ideally it's great to do this prep together as a family!

Note that for nearly every activity, if you're missing a material or two, you'll likely be fine! These activities are designed to be flexible.

- For Module 14, you will need to prepare ice ahead of time. Follow the instructions below to make ice at least one day before you plan to do the module.
To prepare ice:
 - Fill an ice tray or small plastic cups (dixie cups or yogurt cups work great) with water.
 - Add a couple drops of food coloring or liquid watercolor to the water and stir.
 - Add popsicle sticks in each cube, to use as handles for painting.
 - Freeze overnight.
- In Module 14, Junior Explorers will be exploring bubbles. **We provide a recipe for making your own bubble solution if you would like to do so. We recommend that you prepare the bubble solution a day in advance if possible**, so the solution has time to sit. If you cannot, or would prefer to make it the same day as when you do the adventure, that is also okay! To make the bubble solution: In a bucket, pail, or large container, mix 1 cup of dish soap per gallon of water.
- Since we are working with water this week, things might get messy. Use a plastic table cloth or a garbage bag to cover surfaces you don't want to get wet.

Module 13 (Monday, August 3)

Main Activities: Wiggly Water & Boat Building

For Wiggly Water:

- Large baking tray
- White piece of paper
- Waxed paper
- [Eye and ear medicine droppers](#) (you will need about 1-3)
- Straw
- Red, yellow, and blue food coloring
- Three small jars or bowls
- Water

For Boat Building:

- Large container or bowl
- Water
- Tin foil
- Scissors
- Approximately 50 pennies, or other spare change. If you don't have enough change, consider using pebbles, paperclips, or a combination of materials.

For Drops on a Penny Extension:

- One penny
- Paper towels
- Pencil and paper

Module 14 (Tuesday, August 4)

Main Activities: Ice Painting & Bubble Explorations

For Ice Painting:

- Colored ice cubes (prepared beforehand)
- Food coloring or [liquid watercolor](#)
- [Popsicle sticks](#)
- Plain paper
- Optional: Crayons, markers, colored pencils, or sidewalk chalk

For Bubble Explorations:

- Dish soap ([Dawn](#) works best)
- Water
- Container or bucket to use for bubble solution
- Long spoon
- Straws
- [Thin string](#) or [yarn](#)
- [Pipe Cleaners](#)
- Scissors

- Your favorite bubble wands and tools
- Materials from around your house that your child can use to make bubbles. Some suggestions:
 - Cookie cutters
 - Colanders
 - Funnels
 - Slotted spoons
 - Fly swatters

Compiled Materials, Modules 13 & 14 (August 3 & 4)

This is all the stuff needed for Modules 13 and 14!

- Large baking tray
- White piece of paper
- Waxed paper
- [Eye and ear medicine droppers](#) (you will need about 1-3)
- Straw
- Red, yellow, and blue food coloring
- Three small jars or bowls
- Water
- Large container or bowl
- Water
- Tin foil
- Scissors
- Approximately 50 pennies, or other spare change. If you don't have enough change, consider using pebbles, paperclips, or a combination of materials.
- Colored ice cubes (prepared beforehand)
- Food coloring or [liquid watercolor](#)
- [Popsicle sticks](#)
- Plain paper
- Optional: Crayons, markers, colored pencils, or sidewalk chalk
- Dish soap ([Dawn](#) works best)
- Water
- Container or bucket to use for bubble solution
- Long spoon
- Straws
- [Thin string](#) or [yarn](#)
- [Pipe Cleaners](#)
- Scissors
- Your favorite bubble wands and tools
- Materials from around your house that your child can use to make bubbles. Some suggestions: Cookie cutters, colanders, funnels, slotted spoons, fly swatters

Note that some of these items are considered “small parts” (pennies) and could pose a choking hazard. Adult supervision required.