



Not Just Raingutter (RJR) Regatta Leader Resource Sheet

Introduction

Cub Scout activities, even old favorites like the Raingutter Regatta, can be modified if you use your imagination! Instead of Rain gutters, you can use pools and create a regatta course. Watch the video and use this Leader Resource sheet for implementation and review.

Instructions

The type of “pool” you use depends on how many Cub Scouts are using it and what you have available. It should have 3-4” of water depth and allow Cub Scouts to get close enough to the boats to blow or squirt water on their sails. The video shows two options but use what you have. If you use a kiddie pool, keep it on the ground unless you need to modify access, and then set one on a table.



The instructions are for cement flag markers and lane sides shown in the video. You may have materials available that work better!

Regatta Markers

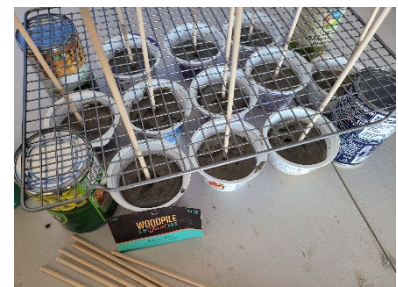
Materials

- Thin dowel rods, 1 for each marker
- Mold to make bases for flag poles.
 - I used empty yogurt cups.
 - Use a mold that won't tip when jostled in the water.
- Cement mix – steppingstone mix is ideal.
- Flag or color beads for Regatta markers
- Vinyl or Duct Tape for channel lanes (optional)



Directions

- Prepare the mold.
 - Slightly oil inside of mold (if you want to unmold. If you don't, not necessary.)
 - Decide how to keep the regatta poles straight while they dry in the cement.
 - Baking rack on soup cans
- Mix the cement according to the directions.
- Pour the cement into the molds.



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- Insert the regatta stick using the rack to keep them straight while drying.
- Wait 2 days, unmold.
- Add flags in different colors depending on your Regatta course!
 - Make flags to slip or staple around over poles using felt, fabric, or other material.
 - Use foam with adhesive backing, which you can also write on.

Boat Channels

I had vinyl around and tried making channels with this, but a simpler duct tape over cardboard works much better. What is fun is having options flags and channels to create obstacles to navigate.

Materials

- Cardboard or plastic
- Duct tape
- Scissors
- Binder clips

Directions

- Decide on how long you want your channel based on the pool you are using.
- Cut cardboard 2 in wide by desired length.
- Cover cardboard in duct tape to make it waterproof.
 - If you found a piece of plastic to use, this step isn't necessary.
- Use binder clips to clip the channel to the regatta pole.

Materials and Resources

Sherry at Cub Scout Ideas has a wonderful recourse that covers this topic.

<https://cubscoutideas.com/8850/recycled-raingutter-regatta-boats/>

You do need to subscribe to her site to get the printable sail pattern, or you can use the one from the site she recommends without signing up for anything. This is included as a SBS resource.

Supplies - Boats

For the boats, just decide how many you need, and what you have. Here are some ideas, and depending on what you use, you will need a way to attach sails to boats or adhere boat pieces together. This is a creative activity, and builders often use multiple pieces for a single boat.

- Plastic water or soda bottles
- Plastic milk jugs
- Paper milk cartons
- Styrofoam food trays
- Small plastic food containers
- Empty juice boxes
- Pool noodles
 - Cut in half in 4-6in segments or
 - Cut into cross sections (round)

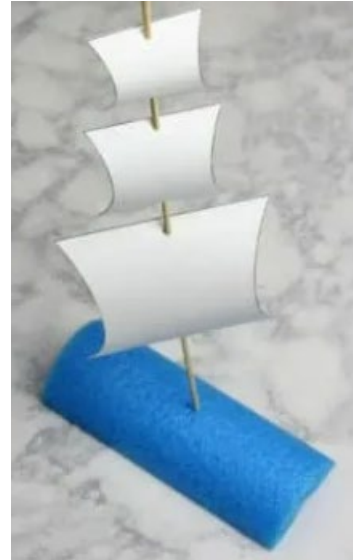
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- Aluminum foil
- Aluminum food containers
- Popsicle Sticks
- Duct Tape
- Toothpicks

Supplies – Sail Power

Printing sails on paper is one option. You can also let them try other things, such as foil, fabric, foam, or whatever! Here is a supply list.

- Wind power boats
 - Paper – either preprinted to cut out, or just paper.
 - Straws
- Waterpower
 - Foam sheets
 - Squirt bottles (waterpower)
 - Adjust spray to narrow water stream works best
 - 5-gallon bucket
- Scissors
- Markers or other ways to decorate the sails (stickers, etc.)
- Wood skewers for the mast
- Cutter (garden clippers, leather shears, etc.) to shorten wood pieces



Supplies – Sailing Area

You need a sailing area, such as a small “kiddie pool” as shown in the video. If you have something else that holds water you can use, try it out! Depending on the size/shape, you can put a pool on a table, but the ground was preferred.

Managing a Recycled Regatta

This event has been very popular at recruiting and community events, but it is important to have a flow to manage many people at once. Besides the boat materials, you need at least 3 tables. If you have more than 5 youth working at one time, then it is better to have 2 tables for materials and building.

Station 1: Explain & Demonstrate (1 table by a pool)

Table with sample boats and materials. Demonstrate at a pool moving the boats, the wind vs water option, and navigating the boats around the regatta poles.

Station 2: Materials (1-2 tables)

Explain that you pick up your materials, and then move to the build tables(s). Encourage experimentation! They can get more materials and adjust but move to the build table to work.

Station 3: Build (1-2 tables)

The build table has trash buckets and scissors. This is where youth build their boats.

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Station 4: Pools and Water Station

A 5-gallon bucket filled with water allows boaters to refill their water bottles. Have pools spaces to allow plenty of room to move around the pool.