

**HOLLAND MUSEUM**



# **WATER PROJECTS FOR KIDS**

**Build a Raft**

**Build a Cyclone Bottle**

# Build a Raft

What You Need:

- A small body of water to test your raft. Your sink, bathtub, or even a bucket of water in the backyard will do
- Building materials such as sticks, pinecones, leaves. If inside, recycled items throughout the house could work. Inventors get creative!

1. **Brainstorm:** Let your child brainstorm their idea
2. **Design:** Encourage your child to think about their design and the materials they may need
3. **Build/Test/Evaluate:** Let your child set to work building. Once finished test out their raft and make any adjustments that may be needed. Remember, inventing is a process!



# Build a Cyclone Bottle

What You Need:

- Water
- A clear plastic bottle with a secure cap
- Glitter
- Dishwashing liquid

## Instructions:

**Fill the plastic bottle with water until it reaches around three quarters full.**

**Add a few drops of dish washing liquid. Sprinkle in a few pinches of glitter (this will make your tornado easier to see).**

**Put the cap on tightly.**

**Turn the bottle upside down and hold it by the neck. Quickly spin the bottle in a circular motion for a few seconds, stop and look inside to see if you can see a mini tornado forming in the water. You might need to try it a few times before you get it working properly.**

