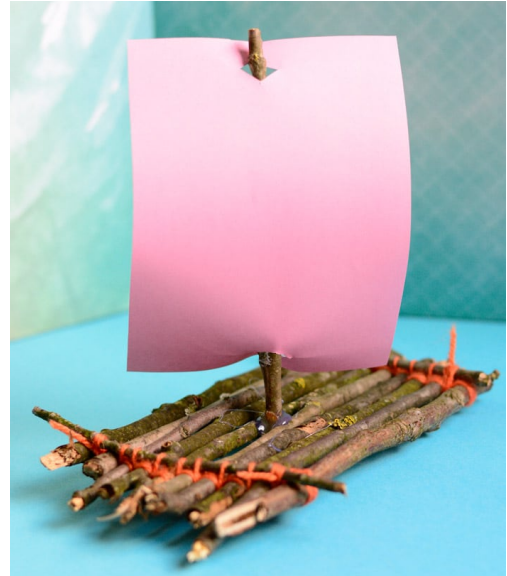


# SOS!

*Imagine you are stuck on Nomans Land and all you have to get back to Martha's Vineyard is your engineering skills and the natural materials around you! What are you going to do? Well, build a raft of course!*



## ACTIVITY

For this activity, gather materials from outside like twigs, sticks, bamboo, thick leaves, etc to use in your raft construction. Consider how much weight your raft can hold, will it be able to float for a long period of time, and how will it move across the water?

Using your engineering skills, develop a way to attach all of the parts together while also keeping the raft functional and able to move forward! You can use all natural materials, or use a variety of supplies. Once you have completed building your raft - test it out! Use a sink, puddle, bucket, etc with water to see if your raft is able to carry you to safety! Add weight onto your raft for an extra challenge - Good luck!

## MATERIALS

Natural Items  
Yarn  
String  
Glue

Tape  
Paper  
Scissors