

# Design/build a Pier that will withstand a variety of different size waves

## Materials:

- Straws
- Tape (Electrical, Masking, Duct)
- Skewers
- Cardstock
- Paper clips
- Cups
- Popsicle sticks

## Testing area:

- Water
- Deep aluminum dish
- Pitcher

## Instructions:

1. Get into a group of 2 to 3 people
2. Discuss and draw a picture of what you want your pier to look like and what materials you are going to use to make your pier. (3 minutes to discuss and design)
3. Raise your hand when you have your design done.
4. After explaining to me what your groups design to me sent one person up to the table to get all the materials you will need to make your pier. (10 minutes to build)
5. When everyone is done or close to being done we will test each pier to see whose pier stands up to waves the best

