



# ACTIVITY PLAN



**Grades: 3, 4, 5**

**Subject: Environmental Engineering**

**Topic: Natural Disasters**

**Lesson: Hurricane Engineering**

## Objectives:

- Explain what conditions may occur during a hurricane
- Explain how homes can be made stronger to weather the effects of hurricanes

## Materials:

- Index Cards
- Straws
- Glue
- Standing fan/hairdryer
- Spray Bottle

## Instructions:

1. Give students about 15 minutes to design a structure that can withstand intense wind and rain
2. After that time is up, test the students' designs by using a spray bottle and a standing fan/hair dryer on the highest intensity to see if they can survive the storm



## Notes:

**If working with a group of children, split them into teams to work on their collaboration skills**