

Your name: \_\_\_\_\_ Partner's name: \_\_\_\_\_

# Design a Windproof House



## 1. WHAT'S THE PROBLEM?

The problem with our house is \_\_\_\_\_

\_\_\_\_\_  
(describe what you noticed when testing your house)

Why does it matter? Why is it important to fix it? \_\_\_\_\_

## 2. CREATE AND TEST YOUR FIRST DESIGN.

**Design #1:** Draw your design.



What happened when you tested

Design #1? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Your name: \_\_\_\_\_ Partner's name: \_\_\_\_\_

### 3. CREATE AND TEST YOUR SECOND DESIGN.

**Design #2:** Draw your design.



What happened when you tested

Design #2? \_\_\_\_\_

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### 4. WHICH DESIGN WORKED BETTER AND WHY?

Which one was easiest to build? Which one used the fewest materials? Which one do you think would last the longest?

Design #1 / Design #2 (choose one) worked best because \_\_\_\_\_

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