**Let’s Go Fly A Kite! Investigate the force of wind. – Science Experiment**

**Week of March 30 – April 3**

You decide when to do this experiment this week. It will all depend on the weather!

**Objective: using 3 different weighted objects**: (1) feather (provided in envelope) and (2) other objects from your house -**predict – investigate – record – movement of 3 chosen objects**. **Which objects moved longest or shortest distance?**

1. Order your 3 objects by their weight.
2. Observe from an inside window any wind movement by looking at tree branches, leaves, bushes or other objects you notice outside your window. **You will be doing this experiment two times** – one time when you think there is **little wind** movement outside. The other time when you think there is a **large amount of wind** movement.
3. **Predict**  what will happen when you take the 3 objects outside when there is just a little amount of wind. **Record** your prediction below.
4. **Then predict** what will happen to your objects **with a stronger wind movement happens outside.**

 

Record your

My Predictions



|  |  |  |
| --- | --- | --- |
| My Three Objects | 1. Will my object move in a small wind?
 | 1. Will my object move in a strong wind?
 |
| 1. feather | **Yes**Smiling face with no fill **no** | **Yes**Smiling face with no fill **no** |
| 2.  | **Yes**Smiling face with no fill **no** | **Yes**Smiling face with no fill **no** |
| 3.  | **Yes**Smiling face with no fill **no** | **Yes**Smiling face with no fill **no** |

**Questions to discuss together**: Will your objects move the same the distance? Will some or all objects stay on the ground? Will some or all objects fly a little in the air?

1. **Go outside and investigate** – what happened to your objects? Which object moved the longest distance? Which one move the shortest distance.
2. **On the back draw and write what you discovered in your 2 experiments (1 time when there was a small wind) (2nd time when there was a strong wind). Have fun investigating.**

|  |
| --- |
| This is what my objects did when there was no wind or just a small amount.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| This is what my objects did when there was a strong wind. |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |