

**Bill Nye Wind Worksheet**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

1. Wind is caused by the heat of the \_\_\_\_\_ and the \_\_\_\_\_ of the Earth.
2. The balloon swelled because warm air takes up \_\_\_\_\_ space and shrinks because cold air takes up \_\_\_\_\_ space.  
(more or less) (more or less)
- 3) **Warm air** \_\_\_\_\_ from the **toaster**.
- 4) **Cold air** \_\_\_\_\_ as seen with the **opening of the freezer door**.
- 5) What **causes** the weather? \_\_\_\_\_
- 6) What does **hail** start out as? \_\_\_\_\_
- 7) **The Largest hail** stone was \_\_\_\_\_ grams and \_\_\_\_\_ centimeters around.
- 8) Why do **stars** not **twinkle** much in the **winter**?
  
- 9) A **barometer** is used to **measure** \_\_\_\_\_ in the atmosphere.
10. The root **baro** means \_\_\_\_\_.
11. A **high** barometric pressure the **weather** is \_\_\_\_\_.
12. A **low** barometric pressure means the **weather** is \_\_\_\_\_.
13. **Westerly winds** – the wind moves \_\_\_\_\_ to \_\_\_\_\_.
14. Air \_\_\_\_\_ at the equator and \_\_\_\_\_ at the poles.
15. What other **planets** in our solar system have **wind**?  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
16. What does erode mean? \_\_\_\_\_
17. At a **wind farm** they harvest \_\_\_\_\_.
18. **No wind** = no \_\_\_\_\_ in weather such as in caves.