**Wind – Brain Pop**

**1. The WIND is caused by the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*of the EARTH by the SUN.**

**2. The TILT of the Earth causes the SEASONS and the UNEVEN heating of the Earth’s *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*which helps to get air moving (WIND).**

**3. WARM air is *\_\_\_\_\_\_\_\_\_\_\_\_\_*dense than COOL Air, SO it *\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**4. When WARM Air RISES, *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*Air will Rush in to fill the empty space.**

**5. The Area of Rising Air is called a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* Pressure System.**

**6. As Warm air rises, it eventually cools off and *\_\_\_\_\_\_\_\_\_\_\_\_* back down to the ground.**

**7. This causes a lot of moving air that is called *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**

**8. There are different *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of WIND**

**9. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*WINDS blows consistently in the same general areas.**

**10. Warmer Air happens at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and Cooler air happens at the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.***

**11. The Warmer air rises *toward* the poles and the cooler air *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* toward the Equator.**

**12. The direction of both air movements are affected by the earth’s *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*(on its Axis).**

**13. This rotation in the Northern Hemisphere these winds (air movement) are deflected (turned) to the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**14. In the Southern Hemisphere these winds (air movement) are deflected to the *\_\_\_\_\_\_\_\_\_\_\_\_\_.***

**15. THE SECOND Type of Winds are called *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, which are STRONG winds that blow about 10 kilometers above the ground.**

**16. Jet Streams blow in *\_\_\_\_\_\_\_\_\_\_\_\_\_*with one jet stream over each hemisphere.**

**17. Jet Streams blow fast, up to *\_\_\_\_\_\_\_\_\_\_\_\_* kilometers per hour.**

**18. Jet Stream can move huge chunks of air and really affect *\_\_\_\_\_\_\_\_\_\_\_\_***

**19. THE THIRD TYPE of Winds are called *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* these winds constantly blow towards the equator from the northeast or southeast.**

**20. THE FOURTH TYPE of Winds are where the TRADE WINDS meet and cause a CALM area, these are called *\_\_\_\_\_\_\_\_\_\_\_\_\_.* (Hardly any wind)**

**21. THE FIFTH TYPE of Winds are called *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, which are particular to certain countries or areas.**

**22. *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_l* Features of the EARTH can affect the wind like: mountains or bodies of water.**

**23. The geographical features can help create *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*winds like the Santa Ana wind and the Fohn in European Alp Mountains.**

**24. The wind can be harnessed to help make *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***