**Temperature – Brain Pop**

**1. All the matter in the Universe made out of tiny particles called *\_\_\_\_\_\_\_\_\_\_\_\_*.**

**2. These atoms can be combined into slightly larger particles called *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**

**3. Atoms and molecules are on the *\_\_\_\_\_\_\_\_\_\_\_\_* all the time.**

**4. This molecular movement creates *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* energy.**

**5. Temperature is a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of heat and how fast those molecules are moving.**

**6. The more you heat something the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*the molecules move.**

**7. This *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* is what causes the temperature to rise.**

**8. Cold is the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of the molecular motion that causes heat.**

**9. Boiling water has a higher temperature than cold water, because its molecules are *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* around more.**

**10. Temperature is measured using a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.***

**11. There are *\_\_\_\_\_\_\_\_\_\_\_* main scales by which temperature is measured.**

**12. The Celsius, or Centigrade, scale is the *\_\_\_\_\_\_* widely used. (METRIC SYSTEM)**

**13. Water freezes at *\_\_\_\_\_\_*Degrees Celsius and boils at *\_\_\_\_\_\_\_*degrees Celsius.**

**14. The Fahrenheit scale, used in the U.S., water freezes at *\_\_\_\_\_\_* degrees Fahrenheit and boils at *\_\_\_\_\_\_\_\_\_*degrees Fahrenheit.**

**15. The *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* scale is a favorite scale of scientists.**

**16. The coldest anything can get is *\_\_\_\_\_\_\_\_\_\_\_\_\_* zero and it equals 0 Kelvins.**

**17. At absolute zero, all molecular motion \_\_\_\_\_\_\_\_\_\_\_ (nearly stops – found in deep space).**

**18. Heated gases expand, making them less *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**

**19. Air near the earth’s surface is *\_\_\_\_\_\_\_\_\_\_\_\_\_*by sunlight striking the ground.**

**20. This warm air *\_\_\_\_\_\_\_\_\_,* and the cooler, denser air *\_\_\_\_\_\_\_\_\_* down to take its place.**

**21. The warmer air will cool off, and the cooler air warms up, creating a *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* current.**

**22. This uneven heating of the air and movement along with the rotation of the earth, is where the *\_\_\_\_\_\_\_\_\_\_\_\_*comes from.**

**23. When matter heats up, it has a tendency to *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**24. The liquid in the thermometer is in a sealed tube, heat makes the molecules of the liquid move more rapidly and *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**25. The liquid rises, showing the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**