**Level 3-Unit 2-Part 1-Listening**

* Matter is made of atoms and molecules.
* Water, for example, is the H2O molecule.
* This means that a molecule of water has 3 atoms.
* A water molecule has 2 hydrogen toms and one oxygen tom.
* Substances as sugar have many atoms in their molecules.
* A molecule of sugar has many atoms, including carbon, hydrogen and oxygen.
* Matter is made of molecules, such as H2O, which is the water molecule.
* Matter can be one of three states: solid, liquid or gas.
* Water and ice are the same substance, but they are in different states.
* These states depend on the temperature of the molecules.
* When we heat a substance, the molecules move faster and try to take up more space.
* When we cool a substance, the molecules move more slowly.
* When we cool s substance to its freezing point, it becomes a solid.
* In a solid, the molecules move very little.
* Their positions are almost fixed.
* To be fixed means that their positions don’t change.
* If we heat the molecules, they move faster and away from each other.
* The solid begins to melt, like ice cream on a hot day.
* At a certain temperature, a solid begins to change into a liquid.
* The temperature at which a solid changes into a liquid depends on the substance.
* For water, the solid begins to change into a liquid when its temperature rise to above 0 degrees Celsius.
* For some substances, such as steel, the temperature at which it becomes a liquid is much higher.
* Steel often melts at around 1370 degrees Celsius.