I**nduction Work Answers Definitions**

**Evaporation**

Takes place when fast moving particles at the surface of a liquid overcome the forces of attraction from other particles and escape.

**Specific Heat capacity**

The amount of energy required to raise the temperature of 1kg of a substance by 1 degrees C. Water has a specific heat capacity of 4200 J/Kg/degrees C

**Element**

An element consists of only one type of atom.

**Compound**

A compound is a substance that is made of tow or more different elements that are chemically bonded together.

**Solvent**

A dissolved substance is a solute. The liquid used for dissolving is called a solvent. Solute + solvent = a solution.

**Covalent Compound**

Non metals combine together by sharing electrons to make a covalent compound. The shared pair of electrons holds the two atoms together. It's called a covalent bond. The group of atoms bonded together in this way is called a molecule.

**Dot and Cross Diagram for Water**