

## **Thermometers Notes**

There are many different types of thermometers, and they all have a specific use or function:

**Thermocouple** – a thermometer that uses electricity to measure temperature.

It is used to measure very high temperatures.

**Bimetallic Strip** – two different metals bonded together that expand and contract in different amounts. They are used in thermostats to control room temperature.

**Clinical thermometer** – used to measure human body temperatures – they have limited scales so they are more accurate and you can tell your exact temperature.

**Infrared thermogram** – a special camera that records different temperatures as different colours. They record how much radiation is given off by an object. They “see” heat as different colours.

**Laboratory Thermometer** – A thermometer that ranges from minus 20 to 110 degrees Celsius which is a useful range for many different experiments. Mercury or alcohol filled.