**Year 7 Separation Challenge – Assessment- J D’cruz**

**Equipment List- For 10 groups**

* Mixture containing Sand, Iron filings, Sawdust and Salt ( Labelled outside the bottle)
* Mixture containing Sand, Iron filings, Sawdust and Sugar ( Labelled outside the bottle)
* Mixture containing Sand, Iron filings, Sawdust and Bicarbonate Soda( Labelled outside the bottle)
* Mixture containing Sand, Iron filings, Sawdust and Copper sulfate( Labelled outside the bottle)
* Stirrer -10
* Evaporating basin - 10
* Gauze mat -10
* Bunsen Burner -10
* Matches -10
* Waste Bucket- 1
* Beaker ( 250mL)- 10
* Distilled( or tap water filled) bottle- 10
* Tripod – 10
* Filter funnel – 10
* Filter paper- 10
* Conical flask (100 mL) – 10
* Sieve / colander( Big hole one to collect sawdust from the mixture) -10
* Magnet + sandwich bags- 10
* Garden glove- 10
* Watch glass ( 4 per group) - 40