

### **Evaluation Metrics and Points Allocations**

- Empirical evaluation and data - 5 points

The results of experiments vary from the theory related to the experiment in reality. Empirical experiments are very important and play vital role research.

- The experiment designed correctly - 10 points

The plan of the experiment should be well organized and designed to make the experiment success. If this part is not done well, it may be needed to revise and redo the experiment in the middle or fail the research will fail and just be a path that fellow researchers can avoid to take. However, the timeline part can be managed to be accomplished.

- A toy or a real situation – 0 points

This cannot be considered as an evaluation metrics as some research can only be conducted with prototypes and toys. Toys are used often in scenarios when the budget is not affordable.

- Appropriate measurements used – 5 points

The research done after the measurement selection is like the soul of the FYP and the largest portion of the whole research values the research.

- The experiment run for a long enough with considerable data – 5 points

It is obvious that without enough amount of data, outcomes of any research will be useless its conclusions will not be valid.

- Assumptions and theoretical conclusions are supported by enough arguments – 10 points

Assumptions should not be taken with no enough arguments and it is not good for research and makes its outcomes worse.

- The experiment was done over enough data and samples – 10 points

The inputs and the samples are the feeds for an experiment. The more of inputs and samples the more accurate the conclusion and outcomes.

- The research path related to the proposed scope throughout – 10 points

It is important because the student should have known what they are doing. But it should be considered if it is changed in the middle.

- The research completed and finalized on time – 5 points

The students should practise delivering in a timely manner.

- The final report – 30 points

This is given with a huge amount of points as it should be measured and evaluated based on academic writing capability, and whether the research is summarized well in the report.

- The mid evaluation – 10 points

The mid evaluation is expected to be done considering all the above criteria but just for 10 out of 100 of the FYP value.

**Total of 100 points**