

Name/s _____

Period _____

Date _____

IB SEHS

IB SEHS IA Personal Engagement & Exploration Template

Reference the Internal Assessment Outline and the IA score sheet for further details for each area below:

Research Question:

- Key points: Should be novel and creative, shows depth of knowledge and comprehension

Personal Interest Statement (1/4 – 1/3 page):

- Key points: Needs to be based on authentic personal interest and provide a valid explanation how/why it is important to you.

Project Background Information (1/2 page):

- Research is relevant to IB SEHS. Explain manipulations and variables. Clearly shows the need and importance of the topic. Sets research question into context of class.

Hypothesis:

- Background information is used to form a hypothesis. Null and alternative hypothesis given if a statistical test of significance is used.

Materials:

- Bulleted list of materials used in procedure.

Procedure:

- MUST be re-creatable and explain how data will be collected and analyzed. Appropriate sample size must be used.

Analysis:

Raw Data: Sufficient quantitative and qualitative raw data Graphs and tables that summarize and display the data you collected.

Data Processing: Appropriate and sufficient data processing is carried out with the accuracy. Graphs, tables, and statistics that summarize the data.

Impact of Uncertainty: Consideration of uncertainty in the data.

Data Interpretation: The processed data is correctly interpreted so that a valid conclusion can be reached.

Evaluation:

- Provides evidence of evaluation of the investigation and the results with regard to the research question and the accepted scientific context.

Application and Communication:

- This criterion assesses whether the investigation is presented and reported in a way that supports effective communication of the focus, process and outcomes.