

## Data Recording Assignment

Weight: 20% of final grade  
Scored out of 52 marks

### Goal of the Activity

To provide the student with the opportunity to identify a behaviour for observation and data collection, write an operational definition and collect data. *Please ensure that you maintain client confidentiality.*

### Instructions

#### Create Operational Definition

In discussion with your on-site supervisor, identify a behaviour for which you could collect data. Write an operational definition for the behaviour. Identify which dimension of the behaviour you will be measuring (e.g., frequency, duration, latency etc).

#### Collect Data

Establish a period to collect data (e.g., an entire day, a specific period of time, specific subject etc.). Your assignment must have a minimum of 7 data points. Submit raw data.

#### Create a Graph

Using Microsoft Excel, graph your data, ensuring all of the conventions of an ABA graph are included (e.g., title, labelled x and y axis, black and white, phase lines, phases labeled, no horizontal/vertical lines etc.).

### Reflection

In your assignment, answer the following reflection questions:

1. Was the dimension of behaviour recorded appropriate for the behaviour? Why or why not?
2. Was the recording system used appropriate for the behaviour? Why or why not?
3. Was your operational definition appropriate and accurate? Why or why not?
4. Identify one tool/technology/strategy that simplified data collection for you. If you did not employ one, suggest a technology/tool/strategy that could be useful.
5. Identify one challenge or barrier to collecting data. Provide a strategy or solution for addressing this challenge or barrier that is appropriate for the behaviour and the setting.
6. Identify a strategy for collecting IOA data that is appropriate for the behaviour and the setting.

### Data Recording Assignment- Marking Rubric

Requirement	Unacceptable (0-1)	Developing (2)	Proficient (3)	Exemplary (4)
Operational Definition	Operational definition is missing most of the required elements	Operational definition is missing some of the required elements	Operational definition includes most of the required elements	Operational definition includes all of the required elements
Dimension of Behaviour	Dimension selected is not an appropriate match for the behaviour	Dimension selected is an unclear match for the behaviour- more appropriate dimensions are available	Dimension selected is a mostly appropriate match for the behaviour	Dimension selected is an appropriate match for the behaviour
Recording System	Recording system selected is not an appropriate match for the behaviour	Recording system selected is an unclear match for the behaviour- more appropriate systems are available	Recording system selected is a mostly appropriate match for the behaviour	Recording system selected is an appropriate match for the behaviour
Data Collection	Time period of data collection not specified or unclear  Raw data not submitted	Time period of data collected loosely specified  Some data submitted, portions of raw data missing	Time period of data collection specified  Raw data submitted	Time period of data collection clearly specified  Raw data submitted
Reflection Question 1	Limited reflection evident regarding appropriateness of dimension of behaviour selected	Adequate reflection evident regarding appropriateness of dimension of behaviour selected	Excellent reflection evident regarding appropriateness of dimension of behaviour selected	Outstanding reflection evident regarding appropriateness of dimension of behaviour selected
Reflection Question 2	Limited reflection evident regarding appropriateness of recording system selected	Adequate reflection evident regarding appropriateness of recording system selected	Excellent reflection evident regarding appropriateness of recording system selected	Outstanding reflection evident regarding appropriateness of recording system selected
Reflection Question 3	Limited reflection evident regarding appropriateness of operational definition	Limited reflection evident regarding appropriateness of operational definition	Limited reflection evident regarding appropriateness of operational definition	Outstanding reflection evident regarding appropriateness of operational definition
Reflection Question 4	Tool/technology/ strategy for ease of	Tool/technology/ strategy for ease of data collection	Tool/technology/ strategy for ease of	Creative and/or innovative tool/ technology/strategy

	data collection not present	included, but not appropriate	data collection included	for ease of data collection included
Reflection Question 5	Challenge/barrier and solution to data collection not identified	Challenge/barrier identified, but no solution provided, or solution is not appropriate	Challenge/barrier identified and appropriate solution provided	Challenge/barrier identified and innovative, creative, appropriate solution provided
Reflection Question 6	Strategy for collecting IOA data not identified	Strategy for collecting IOA identified, but not appropriate	Strategy for collecting IOA data identified	Creative, innovative strategy for collecting IOA data identified
Style	<p>Overall ideas expressed in a simplistic way with written communication permitting a basic understanding of a few articulated concepts.</p> <p>Limited flow, organization, punctuation, grammar, and spelling with more than 5 errors per page</p>	<p>Overall ideas expressed in a satisfactory way with written communication permitting a somewhat accurate understanding of many articulated concepts.</p> <p>Adequate flow, organization, punctuation, grammar, and spelling with 3-5 errors on most pages.</p>	<p>Overall ideas expressed clearly with skilled written communication permitting a fairly clear understanding of most articulated concepts</p> <p>Excellent flow, organization, punctuation, grammar, and spelling with no more than 2 errors.</p>	<p>Overall ideas expressed clearly with exemplary written communication permitting a clear understanding of all articulated concepts.</p> <p>Outstanding flow, organization, punctuation, grammar, and spelling with no evident errors.</p>

#### Graphing Rubric

Component	Unacceptable/Missing	Acceptable
X-Axis Label		
Y-Axis Label		
Vertical/Horizontal Scale of Graph		
Graph Background		
Title		
Data Points		
Number of Data Points		
Data Path		
		/8