



## Joseph Banks Secondary College

Year 11 General Psychology: Assessment 2

### Investigation 1: Does exercise improve mood?

Worth 5%

#### Investigation - Scientific report

A scientific report based on this investigation will be written in class (90 minutes) under test conditions. Come prepared with:

- collated data from the investigation displayed in tables and graphs
- list of references
- notes from your research (bullet points on the draft sheet provided)

Your scientific report will need to include:

#### Introduction (15 marks)

The introduction includes:

- background information about mnemonic devices
- relevant research
- the aim of the investigation
- an operational hypothesis.

#### Method (9 marks)

The method should be written briefly and clearly so that another researcher can follow your procedure.

Include:

- a description of the participants
- materials used
- how the data will be collected and recorded
- important aspects of the procedure, such as ethical considerations.

#### Results (8 marks)

Results should be collated and represented in tables and graphs that are appropriate to the type of data.

Include:

- titles and labels for tables and graphs.
- appropriate data interpretation, e.g. mean score.

Provide an accurate summary of your data to compare the pre-test and post-test data.

#### Discussion (25 marks)

In your discussion, you should:

- discuss the results of the investigation.
- relate the results to the hypothesis.
- explain how the results relate to relevant psychological research/theories.
- explain how at least **three** variables were controlled.
- discuss **one** problem with the investigation and **one** way it could be overcome.
- explain how you ensured reliability.
- describe how at least **three** ethical issues were addressed.
- discuss the relevance of the investigation to you, your peers and the community.
- include a conclusion that links your hypothesis and your findings together.

#### References (3 marks)

Include at least **three** relevant references