IA Requirements for Remote Conduction of Experiments

**Notification regarding Assessment for May and Nov 21 sessions document**

Please look for the publication on the DP section of MyIB called, "SUPPORTING GUIDANCE FOR M21/N21" The document includes information for all int assessment for all DP subjects with DP Psychology on pages 35-37.

I've copied and pasted below...

It is anticipated that students should have begun designing, conducting, and/or reporting results of a simple experiment. IA work can be completed by students working remotely, with the support of their teachers if necessary.

For instances where the IA task has not been started, the following recommendations will help students to start and complete the work at different stages of the IA task.

Designing the IA

Students are required to work as part of a group to plan and conduct the investigation. The group must consist of a minimum of two students and a maximum of four.

Studies which can be conducted in a remote learning setting include, but are not limited to:

* Loftus and Palmer – Car Crash
* Music and Memory
* Paper colour and memory
* Social facilitation
* Stroop effect
* Several online tools and software applications make it possible to achieve the IA requirements in a remote learning setting. When selecting a study consider the various tools available to control variables and conduct the experiment. Examples include, but are not limited:
* Designing the data collection tool using Google Docs, Google Forms, or other platforms.
* Creating a MS PowerPoint (PPT) presentation with built in audio instructions and research materials. At the end of the presentation students could have a link to the data collection tool for collecting participant responses.

• Collecting data with Google forms enables the use of Google Spreadsheets for depicting raw data, calculating descriptive and inferential statistics, and creating a results table and graph.

* The use of VasserStats or other online programs may assist with calculating inferential statistics.
* Conducting a simple experiment and data collection Selecting a study and developing materials
* Using online platforms, like Skype,, or Google Hangouts, students can meet to select a study. Using Google Documents or by emailing Word documents, students should be able to select and develop materials for conducting the IA. After designing the research materials needed to conduct the experiment, students can select several ways to gather and engage participants in the experiment. Ideas below include, but are not limited to:

Collecting participants – ethical considerations

It is anticipated that students have email addresses and other contact information of friends and family who could participate. Strategies for collecting participants include, but are not limited to:

* Inviting individuals to participate via social media
* Providing a consent form with more information about the experiment as a link or attachment to social media invites.
* Building the consent form into the PPT presentation or virtual experiment by including a statement of participant ethical rights.
* Conducting the experiment
* It is anticipated that students have access to the Internet and can conduct the experiment using online platforms. Examples include, but are not limited to:
  + Using Skype, Google Hangouts or other virtual meeting places
  + Developing a MS PowerPoint presentation with a data collection tool
  + Assigning participants to a condition by sending a specific link for each condition (i.e. Colour and memory – blue background on a Google form and a white background would require two separate links).

Reporting results of a simple experiment

* It is anticipated once students collect raw data they should be able to individually analyse the data and report on the results of the simple experiment. This is done individually and primarily using MS Word and MS Excel type software.

**Ethical considerations**

Students must be mindful of the ethical considerations associated with their research. Teachers and students must refer to the relevant sections of the psychology guide that refer to ethical practice as well as the ethical guidelines for the IA, and the *General Guidelines*section .

Appropriate websites for material on social media include but are not limited to:

Experiment Ideas for Psychology Assignments (Note: some aren’t true experiments)

<https://www.verywellmind.com/psychology-experiment-ideas-2795669>

Breakwell, G. M., Smith, J. A., & Wright, D. B. (Eds.) (2012). Research Methods in Psychology: 4th edition. London, U. K.: Sage

**Publications**.

Simply psychology: Experimental Method: <https://www.simplypsychology.org/experimental-method.htmlFor> material on research methods:

Fielding Nigel G., Raymond M. Lee, Grant Eds. (2016). *The SAGE Handbook of Online Research Methods*(includes material on ethical issues, virtual ethnography, online surveys and the future of online research). London: Sage.