 Welsh Baccalaureate Scheme of Learning-Advanced

This Scheme of Learning has been designed to be used by teachers and tutors delivering the Welsh Baccalaureate Individual Project from September 2015.

**Numeracy 3: Research methods – questionnaire, interview, observation**

| Learning Activity | Skills Developed | Resources | Differentiation | LO/Assessment |
| --- | --- | --- | --- | --- |
| Introduction  Review what is meant by:  Terms:   * Primary and Secondary Research Methods * Types of data | Research methods  Numeracy | See Numeracy 1 Lesson 1 resources |  |  |
| **Primary Research Methods**  (Teacher-led discussion)  **Questionnaire**  Learner activity  Mock pilot questionnaire and test if results are useful/ in line with expectations | Collaboration  Research  Numeracy | Powerpoint presentation  Student worksheet  Computer | Outcome | LO7  LO5  LO2  LO4 |
| **Interviews**  (Teacher-led discussion)  When is an interview the most appropriate method to gain primary data?  Design – reference period:  One-contact  More than one-contact  How to record the data  Learner activity  Task sheet  Market stall activity | Research  Literacy- Oracy | Presentation  Student worksheet | By outcome and support | LO5 |
| **Observation**  (Teacher-led discussion)  What type of research would require the learners to carry out observations?  Advantages and disadvantages  Guideline | Research  Literacy- Oracy | Student worksheet  Completed teacher sheet  \naturalistic observations:  <http://study.com/academy/lesson/naturalistic-observation-in-psychology-definition-examples.html>  Participant observations:  <http://study.com/academy/lesson/participant-observation-definition-and-examples.html> | By support- teacher sheet can be adapted to support level by removing some sections or to challenge by giving less structure.. | LO5 |
| **Triangulation**  (Teacher-led discussion)  Benefits of “belts and braces” approach  Learners to discuss whether they will need to do this.  Learners to consider the combination of research to meet triangulation | Research | Slides | By outcome | LO2  LO8 |
| **Ethics of primary research methods**   * Protection of rights of the participants to privacy and confidentiality * Types of questions that are not appropriate to ask as they would violate privacy or ask participant to disclose something that they would not want known e.g. illegal act * **Honesty and integrity**: researchers must be honest and act with integrity.   Student alternative activity- split class into groups. Groups to prepare a micro-teach session for the class on their topic. |  | Slides  <http://www.ethicsguidebook.ac.uk/key-ethics-principles-15>  Unethical psychology research- use to show students how real research has taken place that is not ethical and to promote class discussion of the ethical guidelines and why they are needed.  <https://www.youtube.com/watch?v=Xxq4QtK3j0Y> | By outcome  By task | LO2  LO8 |