 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 |
| --- | --- | --- | --- | --- |
| IntroductionReview 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 activityMock pilot questionnaire and test if results are useful/ in line with expectations | CollaborationResearchNumeracy | Powerpoint presentationStudent worksheetComputer | Outcome | LO7LO5LO2LO4 |
| **Interviews**(Teacher-led discussion)When is an interview the most appropriate method to gain primary data?Design – reference period:One-contactMore than one-contact How to record the dataLearner activityTask sheetMarket stall activity | ResearchLiteracy- Oracy | PresentationStudent worksheet | By outcome and support | LO5 |
| **Observation**(Teacher-led discussion)What type of research would require the learners to carry out observations?Advantages and disadvantagesGuideline | ResearchLiteracy- Oracy | Student worksheetCompleted 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” approachLearners to discuss whether they will need to do this.Learners to consider the combination of research to meet triangulation | Research | Slides | By outcome | LO2LO8 |
| **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 outcomeBy task | LO2LO8 |